

From: Ton H. Moy
RCRA Compliance Branch

4/6/2002

To: File

Subject: Cognis Corp Carlstadt
Carlstadt, NJ 07072
NJD002012219

On March 27, 2002, Ton H. Moy conducted a RCRA inspection of Cognis Corp Carlstadt, located at Berry Ave & JCT Rte. 17N, Carlstadt, NJ. At the time of the inspection, Cognis has closed down its manufacturing operations. There was a lockup building which houses the automatic pumps that pumping the groundwater and conveying to Bergen County POTW for further treatment. The 20-acres site is currently on sale by Binswanger Klatskin Corporate RE Broker, (732)417-4466.

On April 1, 2002, Mr. Moy contacted Edward Vanyo (Cognis Corp.) at (215)628-1412 regarding the subject facility. Mr. Vanyo indicated that the site is under corrective measure pursuant to NJDEP requirements. They have been submitting sampling data to NJDEP for review every quarter. Starting next month, they will be submitting data every six months to NJDEP. Cognis has retained the services of ERN Corp. to oversee the operation of the pump and treat at the site. ENR is visiting the site three times a week to ensure the automatic pump system is working properly. If we would like to further inspect the facility, he could make the necessary arrangement. Since they are removing and treating TCE from the groundwater, they need to dispose about three roll-offs of filters as solid waste at Model City every quarter. Because of this activity, they need to retain the EPA ID number for this purpose.

+ SDF
70²

RCRA PRIORITIZATION SYSTEM SCORING SUMMARY

FOR

HENKEL PROCESS CHEM/DIAMOND SH

EPA SITE NUMBER: NJD002012219

CARLSTADT, NJ

SCORED BY: RICHARD KRAUSER

OF EPA REG II, AWMD, HWFB

ORIGINAL RANKING: 08/28/95 LAST RANKING: 08/28/95

GROUNDWATER SCORE : 16.51

SURFACE WATER SCORE: 45.77

AIR ROUTE SCORE : 12.06

ONSITE SCORE : 50.00

MIGRATION SCORE : 35.40

Med.

TSD 752
EPA ID NO. : NJD002012219
HENKEL PROCESS CHEM/DIAMOND SH

WS-1 GROUNDWATER ROUTE

IS THERE AN OBSERVED RELEASE? Y ✓

ROUTE CHARACTERISTICS

DEPTH TO AQUIFER (FT.) : NA

NET PRECIPITATION (IN.) : NA

PHYSICAL STATE: NA

CONTAINMENT:

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: PCB ✓

TOXICITY/PERSISTENCE VALUE: ~~28~~ ✓ (15) ✓

QUANTITY KNOWN? NO

CUBIC YARDS OR TONS: 0
DRUMS : 0

AMOUNT IS LIKELY TO BE LARGE ✓

TARGETS

GROUNDWATER USE: QUALITY IMPACTED ✓

DISTANCE TO WELL (MILES): 1.5 ✓

computer wait accept
15 for PCBs

WS-2 SURFACE WATER ROUTE

RELEASES

IS THERE AN OBSERVED RELEASE? N ✓
IS THERE A PERMITTED OUTFALL? Y ✓
HAVE THERE BEEN PERMIT VIOLATIONS? N ✓

ROUTE CHARACTERISTICS

FACILITY LOCATION: 100-YEAR FLOOD PLAIN ✓
24-HOUR RAINFALL: 2.6 ✓
DISTANCE TO SURFACE WATER (MILES): 0.15 ✓
PHYSICAL STATE: LIQUID, GAS, SLUDGE ✓

CONTAINMENT: POOR ✓

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: PCB ✓
TOXICITY/PERSISTENCE VALUE: ~~18~~ (15)
QUANTITY KNOWN? NO

CUBIC YARDS OR TONS: 0
DRUMS : 0

AMOUNT IS LIKELY TO BE LARGE ✓

TARGETS

SURFACE WATER USE: QUALITY IMPACTED ✓
DISTANCE TO INTAKE OR CONTACT POINT (MILES): 0.2 ✓
DISTANCE TO SENSITIVE ENVIRONMENT (MILES): 0.2 ✓

WS-3 AIR ROUTE

RELEASES

IS THERE AN OBSERVED, UNPERMITTED, ON-GOING RELEASE? N ✓
DOES THE FACILITY HAVE AN AIR OPERATING PERMIT(S)? Y ✓
HAVE THERE BEEN ANY PERMIT VIOLATIONS OR ODOR COMPLAINTS BY N ✓
CAN CONTAMINANTS MIGRATE INTO AIR? Y ✓
CONTAINMENT: FAIR ✓

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: DICHLOROETHENE ✓
TOXICITY/PERSISTANCE VALUE: 2 ✓
QUANTITY KNOWN? NO

CUBIC YARDS OR TONS: 0
DRUMS : 0

AMOUNT IS LIKELY TO BE LARGE ✓

TARGETS

POPULATION: OTHER INDUSTRIES ARE LOCATED WITHIN FOUR MILES ✓
DISTANCE TO SENSITIVE ENVIRONMENT (MILES): 0.2 ✓

EPA ID NO. : NJD002012219
HENKEL PROCESS CHEM/DIAMOND SH

WS-4 ON SITE CONTAMINATION

ACCESS TO SITE: LIMITED ACCESS ✓

IS THERE AN OBSERVED SURFACE SOIL CONTAMINATION? Y ✓

CONTAINMENT: POOR ✓

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: LEAD ✓

TOXICITY/PERSISTENCE VALUE: 3 ✓

TARGETS

DISTANCE TO RESIDENTIAL AREAS (MILES): 0.20 ✓

IS THERE AN ON-SITE SENSITIVE ENVIRONMENT: Y ✓

Kentel Brown Chem/Resource/Granrock
NJDO02012219

WS-1 GROUND WATER ROUTE

A.	Is there an observed release?	<u>Yes</u> (45)	<u>No</u> (0)	<u>Possible</u> (10)				
B.	Route Characteristics							
1b.	Depth to Aquifer (ft.)	<u>0-20</u> (6)	<u>21-75</u> (4)	<u>76-150</u> (2)	<u>150+</u> (0)			
2b.	Net Precipitation (in.)	<u><-10</u> (0)	<u>-10 to +5</u> (2)	<u>+5 to +15</u> (4)	<u>>15</u> (6)			
3b.	Physical State	<u>Stable Solid</u> (0)	<u>Unstable Solid</u> (1)	<u>Powder, Ash</u> (2)	<u>Liquid, Gas Sludge</u> (3)			
C.	Containment	<u>Very Good</u> (0)	<u>Good</u> (1)	<u>Fair</u> (2)	<u>Poor</u> (3)			
D.	Waste Characteristics							
1d.	Chemical name or waste code number	(Name or Number) <u>PCBs, Chlorophenols</u>						
2d.	Toxicity/Persistence Value	<u>0</u> (0)	<u>3</u> (3)	<u>6</u> (6)	<u>9</u> (9)	<u>12</u> (12)	<u>15</u> (15)	<u>18</u> (18)
3d.	Quantity known?	<u>Yes</u>	<u>No</u>					
	<u>Yes?</u> Enter amount: Cu yds or tons (#)							
	Drums (#) (÷ 4 = cu yds)							
	Total (add above)							
	<u>No?</u> Is amount likely to be small	Yes (1)				No		
	Is amount likely to be large?	Yes (4)				No		
	Are large storage or disposal areas present?	Yes (8)				No		
	(only one yes allowed)							
E.	Targets							
1e.	Groundwater use:	Drinking water?	Yes (5)	No				
		Possible drinking water?	Yes (4)	No				
		Agriculture or industrial?	Yes (3)	No				
		Quality impacted?	<u>Yes (2)</u>	No				
		Quality not impacted?	Yes (0)*	No				
	(only one yes allowed)							
2e.	Distance to intake (miles)	<u><1/2</u> (4)	<u>1/2 to 1</u> (3)	<u>1 to 2</u> (2)	<u>2 to 3</u> (1)	<u>>3</u> (0)		

Note:

* Cannot be used if A = 45

WS-2 SURFACE WATER ROUTE

A. Releases

- 1a. Is there an observed release? Yes No
(45) (0)
- 2a. Is there a permitted outfall? Yes No
(5) (0)
- 3a. Have there been permit violations? Yes No
(5) (0)

B. Route Characteristics

- 1b. Facility Location Flood-Prone Area 100-year Flood Plain Other
(3) (2) (1)
- 2b. 24-hour Rainfall (in.) <1.0 1.0 to 2.0 2.1 to 3.0 >3.0
(0) (1) (2) (3)
- 3b. Distance to surface water (miles) <1/4 1/4 to 1 1 to 2 >2
(6) (4) (2) (0)
- 4b. Physical State Stable Solid Unstable Solid Powder, Ash Liquid, Gas Sludge
(0) (1) (2) (3)

C. Containment

Very Good Good Fair Poor
(0) (1) (2) (3)

D. Waste Characteristics

- 1d. Chemical name or waste code number (Name or Number) *see soil*
- 2d. Toxicity/Persistence Value 0 3 6 9 12 15 18
(0) (3) (6) (9) (12) (15) (18)
- 3d. Quantity known? Yes No
- Yes? Enter amount: Cu yds or tons (#)
Drums (#) (+ 4 = cu yds)
- Total (add above)
- No? Is amount likely to be small Yes (1) No
Is amount likely to be large? Yes (4) No
Are large storage or disposal areas present? Yes (8) No
(only one yes allowed)

SURFACE WATER ROUTE - Continued

E. Targets

1e.	Surface Water use:	Drinking water?	Yes (5)	No		
		Possible drinking water?	Yes (4)	No		
		Recreation?	Yes (4)	No		
		Agriculture or industrial?	Yes (3)	No		
		Quality impacted?	<u>Yes (2)</u>	No		
		Quality not impacted but within 3 miles?	Yes (1)*	No		
		None within 3 miles?	Yes (0)*	No		
(only one yes allowed)						
2e.	Distance to intake or contact point (miles)	<u>$\leq 1/2$</u> (4)	<u>$1/2$ to 1</u> (3)	<u>1 to 2</u> (2)	<u>2 to 3</u> (1)	<u>≥ 3</u> (0)
		3e.	Distance to sensitive environment (miles)	<u>$\leq 1/2$</u> (6)	<u>$1/2$ to 1</u> (4)	<u>1 to 2</u> (2)

Note:

* Cannot be used if A = 45

WS-3 AIR ROUTE

A. Releases

- 1a. Is there an observed, unpermitted, ongoing release? Yes No
(45) (0)
- 2a. Does the facility have an air operating permit? Yes No
(5) (0)
- 3a. Have there been any permit violations or odor complaints by residents? Yes No
(10) (0)
- 4a. Can contaminants migrate into air? Yes No
(3) (0)
- 5a. Containment Very Good Good Fair Poor
(0) (1) (2) (3)

B. Waste Characteristics

- 1b. Chemical name or waste code number Name or Number Dichloroethene
- 2b. Toxicity $\frac{0}{(0)}$ $\frac{1}{(3)}$ $\frac{2}{(6)}$ $\frac{3}{(9)}$
- 3b. Quantity known? Yes No
- Yes? Enter amount: Cubic yards or tons (#)
Drums (#) (+ 4 = cu. yds.)
- Total (add above)
- No? Is amount likely to be small? Yes (1) No
Is amount likely to be large? Yes (4) No
Are large storage or disposal areas present? Yes (8) No
(only one yes allowed)

C. Targets

- 1c. Population
- Are residences located within four miles? Yes (25) No
- Are other industries located within four miles? Yes (20) No
- Are agricultural lands located within four miles? Yes (15) No
- Any other situation. Yes (10) No
(only one yes allowed)
- 2c. Distance to sensitive environments (miles)
- $\frac{< 1/2}{(6)}$ $\frac{1/2 \text{ to } 1}{(4)}$ $\frac{1 \text{ to } 2}{(2)}$ $\frac{\geq 2}{(0)}$

Small of the back
of the hand (dorsal)

- Pb, Zn, Fe, As, Cr, Hg, Te, Cd
- $\frac{0}{(0)}$ $\frac{1}{(1)}$ $\frac{2}{(2)}$ $\frac{3}{(3)}$

If $A = 0$, then $S_0 = B \times D \times (1e + 2e)/21$

If $A \neq 0$, then $S_0 = A \times (B + C) \times D \times (1e + 2e)/21^{(a)}$

If $B + C > 25$, then $B + C = 25$



ACKNOWLEDGEMENT OF NOTIFICATION
OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

• NJD002012219

INSTALLATION ADDRESS

DIAMOND SHAMROCK CORPORATION
BERRY AVENUE AT ROUTE 17N
CARLSTADT NJ 07072

BERRY AVENUE AT ROUTE 17N
CARLSTADT NJ 07072

FORM 1		ENVIRONMENTAL PROTECTION AGENCY	
GENERAL		GENERAL INFORMATION	
Consolidated Permits Program		(Read the "General Instructions" before starting.)	
I. EPA I.D. NUMBER		NJ D 002012219	
III. FACILITY NAME		DIAMOND SHAMROCK CORPORATION	
V. FACILITY MAILING ADDRESS		BERRY AVENUE AT ROUTE 17 CARLSTADT, NEW JERSEY 07072	
VI. FACILITY LOCATION		BERRY AVENUE AT ROUTE 17 CARLSTADT, NEW JERSEY 07072	

EPA I.D. NUMBER	
NJ D 0 02 0 12 2 19 3	
GENERAL INSTRUCTIONS	
If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.	

II. POLLUTANT CHARACTERISTICS	
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column. If the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.	

SPECIFIC QUESTIONS	MARK "X"			SPECIFIC QUESTIONS	MARK "X"		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X			D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X		X	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY	
1	DIAMOND SHAMROCK CORPORATION

IV. FACILITY CONTACT	
A. NAME & TITLE (last, first, & title)	
2	HENRY, JOSEPH ENVIRONMENTAL ENGINEER
B. PHONE (area code & no.)	
201	933 5222

V. FACILITY MAILING ADDRESS	
A. STREET OR P.O. BOX	
3	BERRY AVENUE AT ROUTE 17
B. CITY OR TOWN	
4	CARLSTADT
C. STATE	
N	J
D. ZIP CODE	
07072	

VI. FACILITY LOCATION	
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER	
5	BERRY AVENUE AT ROUTE 17
B. COUNTY NAME	
BERGEN	
C. CITY OR TOWN	
6	CARLSTADT
D. STATE	
N	J
E. ZIP CODE	
07072	
F. COUNTY CODE (if known)	

VII. SIC CODES (4-digit, in order of priority)			
A. FIRST		B. SECOND	
7 2869 (specify)	7 2843 (specify)		
END USE CHEMICALS + CHEMICAL PRODUCTS		SURFACE ACTIVE AGENTS	
C. THIRD		D. FOURTH	
7 2821 (specify)	7 (specify)		
PLASTIC & RESINS MATERIAL			

VIII. OPERATOR INFORMATION			
A. NAME			B. Is the name listed in Item VIII-A also the owner?
DIAMOND SHAMROCK CORPORATION			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box, if "Other", specify.)			D. PHONE (area code & no.)
F = FEDERAL S = STATE P = PRIVATE	M = PUBLIC (other than federal or state) O = OTHER (specify)	P (specify)	A 214 745 2000
E. STREET OR P.O. BOX			
717 N, Harwood Street			
F. CITY OR TOWN		G. STATE	H. ZIP CODE
DALLAS		TX	75201
IX. INDIAN LAND			Is the facility located on Indian lands?
			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

X. EXISTING ENVIRONMENTAL PERMITS			
A. NPDES (Discharges to Surface Water)		D. PSD (Air Emissions from Proposed Sources)	
9 N NJ 0002798	9 P		
B. UIC (Underground Injection of Fluids)		E. OTHER (specify)	
9 U	9 CT 13766	(specify)	
C. RCRA (Hazardous Wastes)		E. OTHER (specify)	
9 R	9 CT 13767	(specify)	

Air Permits - See attached Sheet #1

XI. MAP	
Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.	

F9: A/50

XII. NATURE OF BUSINESS (provide a brief description)	
A specialized proprietary chemical manufacturer serving the paper industry, the cement and concrete industry, the rubber and plastic industry, the textile industry and the oil well drilling industry.	

F9: A/51

XIII. CERTIFICATION (see instructions)		
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.		
A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
K. P. MITCHELL GENERAL MANAGER, PROCESS CHEMICALS DIVISION	K.P. Mitchell	11/13/80
COMMENTS FOR OFFICIAL USE ONLY		

Print or type in the unshaded areas only.
All areas are spaced for elite type, i.e., 12 characters/inch).

Form Approved OMB No. 158-00004

U.S. ENVIRONMENTAL PROTECTION AGENCY																																																																																						
HAZARDOUS WASTE PERMIT APPLICATION																																																																																						
Consolidated Permits Program																																																																																						
(This information is required under Section 3005 of RCRA)																																																																																						
I. EPA I.D. NUMBER																																																																																						
F N J D 0 0 2 0 1 2 2 1 9 3 1																																																																																						
FOR OFFICIAL USE ONLY																																																																																						
APPLICATION APPROVED										DATE RECEIVED (yr., mo., & day)					COMMENTS																																																																							
3001019																																																																																						
II. FIRST OR REVISED APPLICATION																																																																																						
Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application, you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.																																																																																						
A. FIRST APPLICATION (place an "X" below and provide the appropriate date)																																																																																						
<input checked="" type="checkbox"/> 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item 5 below.)																																																																																						
<input type="checkbox"/> 2. NEW FACILITY (Complete item 6 below.)																																																																																						
FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)																																																																																						
FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN																																																																																						
B. REVISED APPLICATION (place an "X" below and complete Item I above)																																																																																						
<input type="checkbox"/> 1. FACILITY HAS INTERIM STATUS																																																																																						
<input type="checkbox"/> 2. FACILITY HAS A RCRA PERMIT																																																																																						
III. PROCESSES - CODES AND DESIGN CAPACITIES																																																																																						
A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process were to be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).																																																																																						
B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.																																																																																						
1. AMOUNT - Enter the amount.																																																																																						
2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.																																																																																						
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EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.																																																																																						
S C DUP																																																																																						
1 2 13 14 15																																																																																						
LINE NUMBER																																																																																						
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B. PROCESS DESIGN CAPACITY																																																																																						
1. AMOUNT (specify)																																																																																						
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X-2 T 0 3 20 E																																																																																						
1 S 0 1 10,000 G																																																																																						
2 S 0 2 65,000 G																																																																																						
3 T 0 4 1,400 U																																																																																						
4																																																																																						

III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

TC-4 Removal of water from liquid waste chemicals by distillation.
Design capacity of still approximately 1400 gallons per day - distillation rate.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER - Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K054	900	P	T03D80	
X-2	D002	400	P	T03D80	
X-3	D001	100	P	T03D80	
X-4	D002				included with above

EPA I.D. NUMBER (enter from page 1)
W N J D 0 0 2 0 1 2 2 1 9 3 1

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W DUP 3 2 DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES							
				1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))			
1	D 0 0 1	3,000 000	P	S	O	1					
2	D 0 0 2	5,000 000	P	S	O	1					
3	D 0 0 3	1,000 000	P	S	O	1					
04 4	D 0 0 0	5,000 000	P	S	O	1					
05 5	U 1 2 2									Included in Line 4 above	
06 6	U 1 6 5									Included in Line 4 above	
7	U 0 0 7	500 000	P	S	O	1					
8	U 2 2 3	5,000 000	P	S	O	1					
09 9	D 0 0 2	5,000,000 00	P	S	O	2	T O 4				
10 10	D 0 0 0									Included in Line 9 above.	
11 11	U 0 0 7									Included in Line 9 above.	
12 12	U 1 6 5									Included in Line 9 above.	
13 13	U 1 8 8									Included in Line 9 above.	
14	U 1 2 2	6,000 000	P	S	O	2					
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											

Continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

$$F6: \frac{1}{56}$$

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (*aerial or ground-level*) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (*see instructions for more detail*).

VII. FACILITY GEOGRAPHIC LOCATION

VIII. FACILITY OWNER

- ☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

X, OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

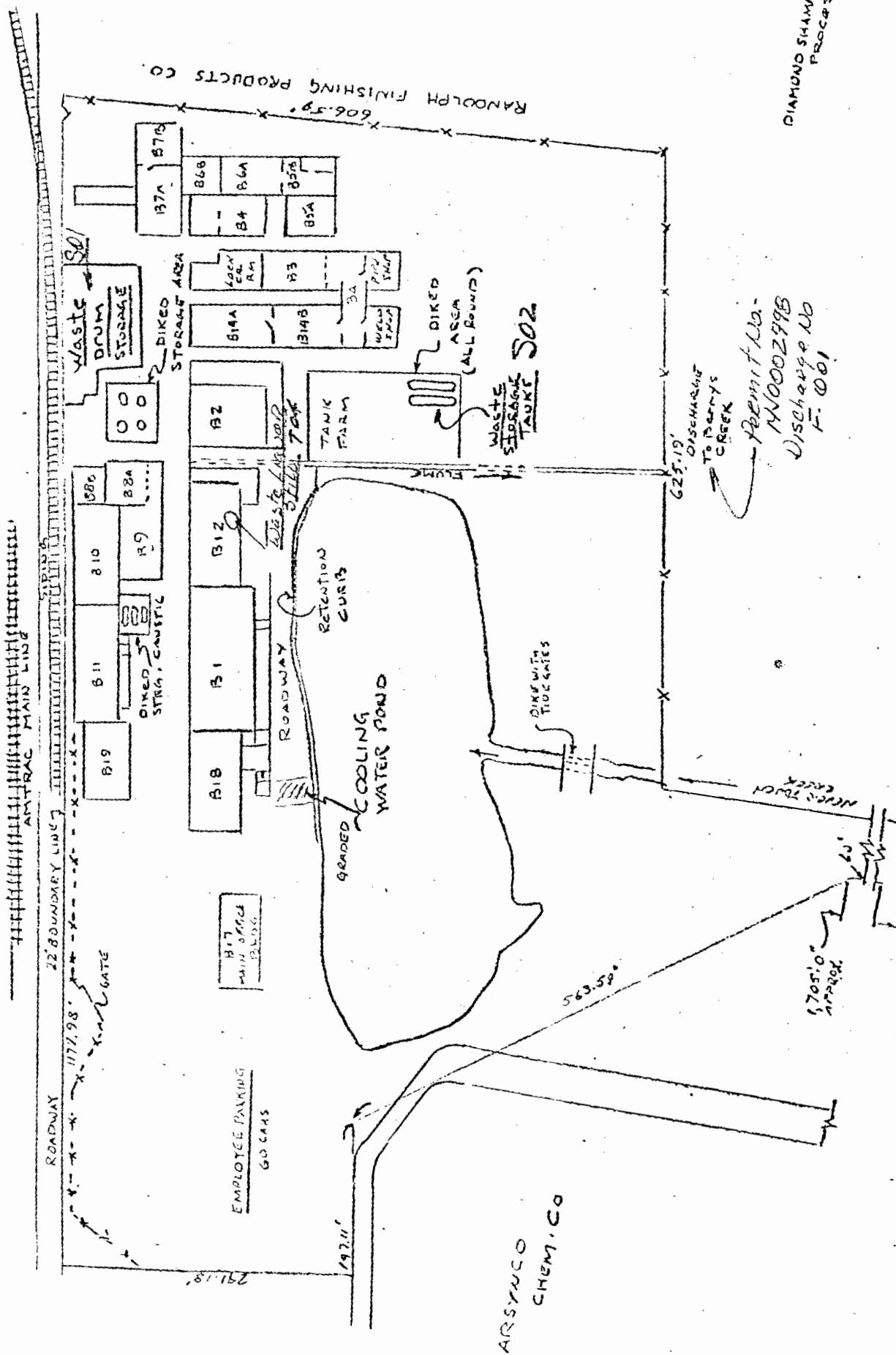
EPA Form 3510-3 (6-80)

APPROVED AIR PERMITS

<u>CERTIFICATE TO OPERATE NUMBER</u>	<u>CONSTRUCTION PERMIT NUMBER</u>
CT-13766	P-14007
CT-13767	P-14008
CT-20761	P-20761
CT-19163	P-19163
CT-30482	P-30482
CT-30483	P-30483
CT-30484	P-30484
CT-30485	P-30485
CT-30486	P-30486
CT-34494	P-34494
CT-34495	P-34495
CT-34496	P-34496
CT-34497	P-34497
CT-31634	P-31634
044657	044657
044953	044953

Diamond Shamrock Corporation
Berry Avenue at Route 17
Carlstadt, New Jersey 07072
EPA #ID-NJ D 002012219

DRAWING
 140002012219
 DIAMOND SHAMROCK CORPORATION
 BERRY AVENUE AT RTE 17
 CARLSTADT, NJ 07072

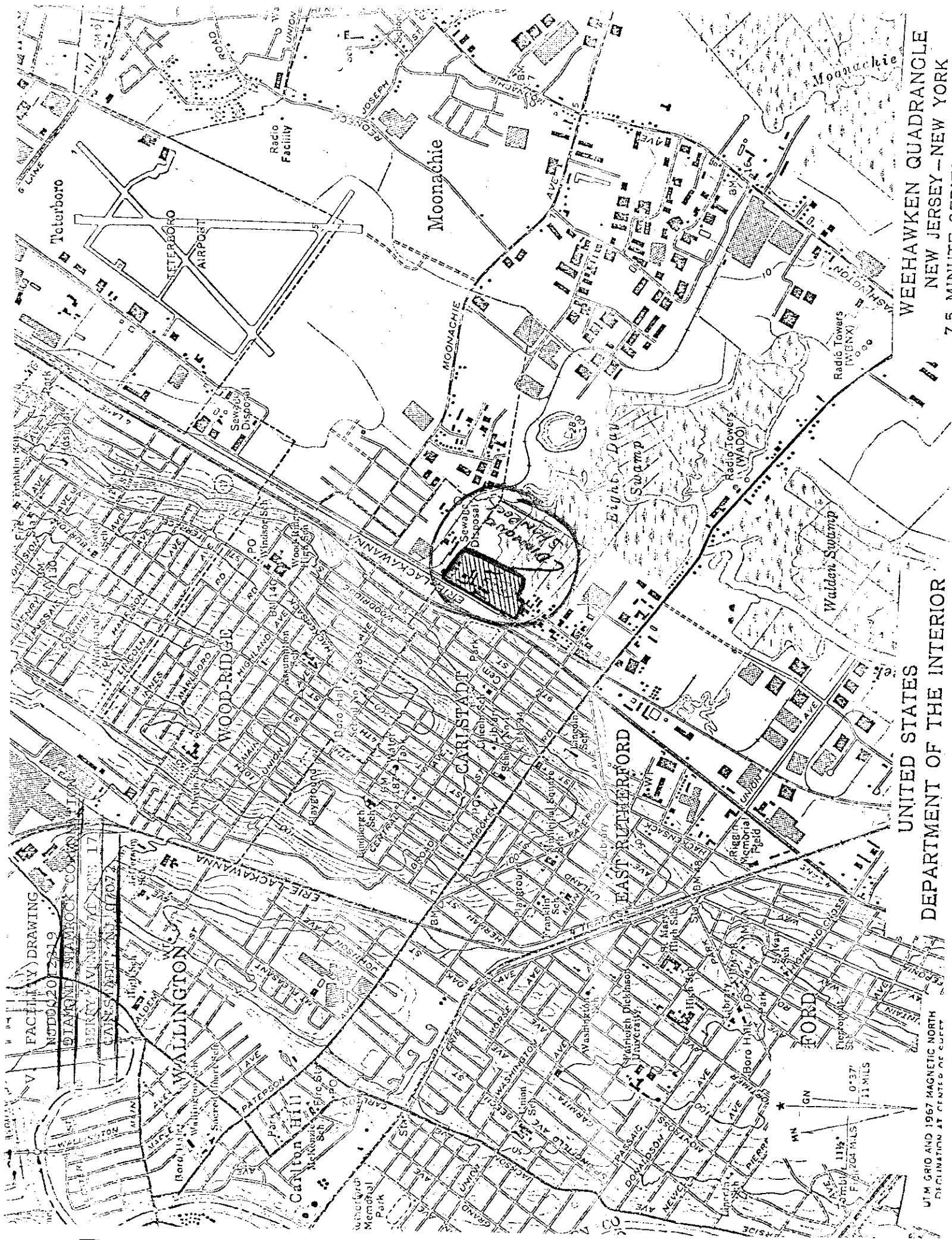


DIAMOND SHAMROCK CHEMICAL
 PROCESS DIV.

PLOT PLAN
 CARLSTADT PLANT
 LOC. CARLSTADT, NJ SCALE 1"=100'

Permit No.
 140002798
 Discharge No.
 F-001

DISCHARGE
 TO BERRY'S
 CREEK



UNITED STATES
DEPARTMENT OF THE INTERIOR

WEEHAWKEN QUADRANGLE
NEW JERSEY—NEW YORK
7 5 MINUTE COORDINATES

UTM GRID AND 1967 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

FACILITY DRAWING
NOTED 20 2219
DIAGRAM SWAMP ROCK CO
BERRY AVENUE 71 FEB 17
CANTON HILL 197072



INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is missing or incorrect, leave Items I, II, and III blank. If you did not receive a preprinted label, complete all items. "Installation" means a place where hazardous waste is generated, stored and/or disposed of, or a transshipment place of business. Please refer to the **INSTRUCTIONS FOR FILING NOTIFICATION** before completing this form. The information requested herein is required by law 3010 of the Resource Conservation and Recovery Act).

~~DIAMOND SHADROCK CORP
BERRY AVENUE AT RTE 17N
CARLSTADT, NJ 07072~~

BERRY AVENUE AT RTE 17N
CARLSTADT, NJ 07072

FOR OFFICIAL USE ONLY

COMMENTS

C															C																													
15															16																													
INSTALLATION'S EPA I.D. NUMBER															APPROVED															DATE RECEIVED (yr., mo., & day)														
F N J 0 0 0 2 0 1 2 2 1 9 3																														8 0 0 8 1 8														
1															16															17														

1. NAME OF INSTALLATION

D	I	A	M	O	N	D	S	H	A	M	R	O	C	K	C	O	R	P	O	R	A	T	I	O	N
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

II. INSTALLATION MAILING ADDRESS

		STREET OR P.O. BOX																											
C																													
3																													
15	16																									49			
		CITY OR TOWN																								ST.		ZIP CODE	
C																													
4																													
17	18																									50		51	
																										52		53	
																										54		55	

III. LOCATION OF INSTALLATION

		STREET OR ROUTE NUMBER																					
C																							
5																							
15 16																						45	
		CITY OR TOWN																		ST.		ZIP CODE	
C																							
6																							
17 18																				40 41 42 43		44 45	

IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, & job title)															PHONE NO. (area code & no.)																		
2	H	E	N	R	Y	J	O	S	E	P	H	E	E	N	V	I	R	E	N	G	R	2	0	1	-	9	3	3	-	5	2	2	2

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER																												
8	D	I	A	M	O	N	D		S	H	A	M	R	O	C	K		C	O	R	P	O	R	A	T	I	O	N

B. TYPE OF OWNERSHIP
(enter the appropriate letter into

F = FEDERAL	M
M = NON-FEDERAL	

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

F = FEDERAL M = NON-FEDERAL	M	<input checked="" type="checkbox"/> A. GENERATION	<input type="checkbox"/> B. TRANSPORTATION (complete item VII)
		<input checked="" type="checkbox"/> C. TREAT/STORE/DISPOSE	<input type="checkbox"/> D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

☐ ₆₁ A. AIR ☐ ₆₂ B. RAIL ☐ ₆₃ C. HIGHWAY ☐ ₆₄ D. WATER ☐ ₆₅ E. OTHER (specify):

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

<input checked="checked" type="checkbox"/> A. FIRST NOTIFICATION	<input type="checkbox"/> B. SUBSEQUENT NOTIFICATION <i>(complete item C)</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="10" style="text-align: center; padding: 2px;">C. INSTALLATION'S EPA I.D. NO.</th> </tr> <tr> <td style="text-align: center; padding: 2px;">N</td> <td style="text-align: center; padding: 2px;">J</td> <td style="text-align: center; padding: 2px;">D</td> <td style="text-align: center; padding: 2px;">0</td> <td style="text-align: center; padding: 2px;">0</td> <td style="text-align: center; padding: 2px;">2</td> <td style="text-align: center; padding: 2px;">0</td> <td style="text-align: center; padding: 2px;">1</td> <td style="text-align: center; padding: 2px;">2</td> <td style="text-align: center; padding: 2px;">2</td> <td style="text-align: center; padding: 2px;">1</td> </tr> </table>	C. INSTALLATION'S EPA I.D. NO.										N	J	D	0	0	2	0	1	2	2	1
C. INSTALLATION'S EPA I.D. NO.																							
N	J	D	0	0	2	0	1	2	2	1													

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

WVJD 002012219

IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
7	8	9	10	11	12
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
19	20	21	22	23	24
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
25	26	27	28	29	30
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
U 0 0 7	U 1 2 2	U 1 6 5	U 1 8 8	U 2 2 3	
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
37	38	39	40	41	42
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
43	44	45	46	47	48
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☐ 1. IGNITABLE
(D001)

☒ 2. CORROSIVE
(D002)

☒ 3. REACTIVE
(D003)

☒ 4. TOXIC
(D000)

X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE

NAME & OFFICIAL TITLE (type or print)

DATE SIGNED

R. L. Chonoles, Plant Manager

August 18, 1980

ap



ACKNOWLEDGEMENT OF NOTIFICATION
OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

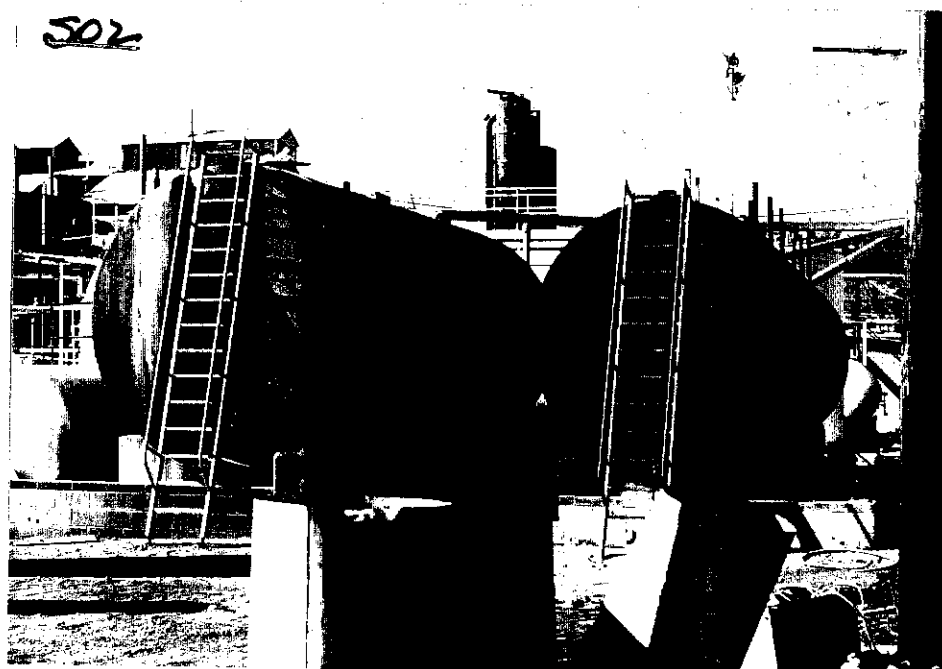
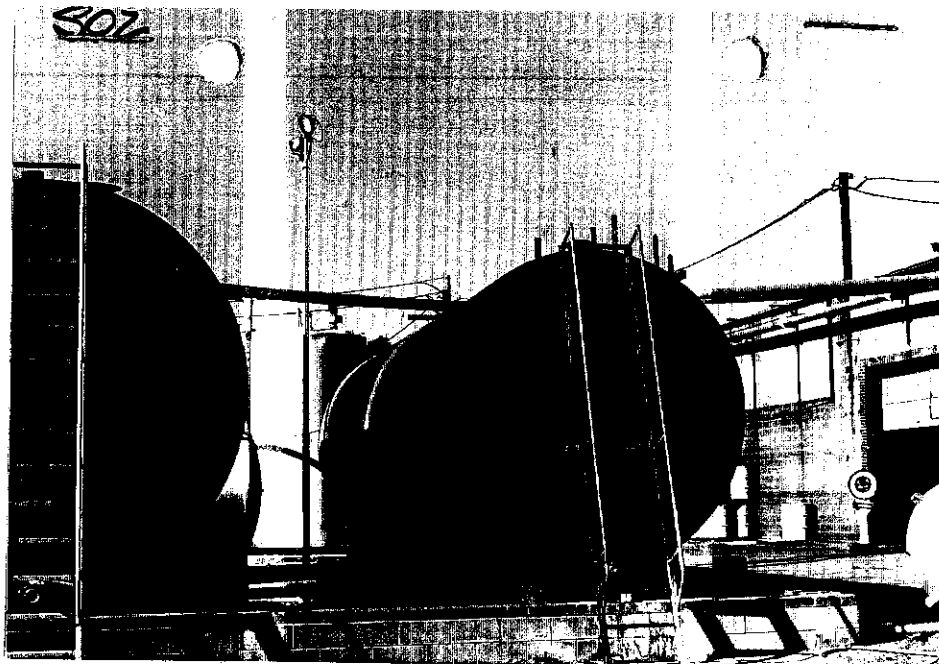
EPA I.D. NUMBER

• NJD002012219

INSTALLATION ADDRESS

DIAMOND SHAMROCK CORPORATION
BERRY AVENUE AT ROUTE 17N
CARLSTADT NJ 07072

BERRY AVENUE AT ROUTE 17N
CARLSTADT NJ 07072



2 of 5 pictures

NJ0002012219
 Diamond Shamrock Corp
 Berry Ave & Rt 17 N
 Garbost N.J. 07072



NJ 003012214
 Diamond Shamrock
 Corp
 Barry Ave Rt 17N
 Carlisle PA 16801
 07072
 11/7/80



30/5 pictures



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WASTE MANAGEMENT

32 E. Hanover St., CN 028, Trenton, N.J. 08625

MARWAN M. SADAT, P.E.
DIRECTOR

LINO F. PEREIRA, P.E.
DEPUTY DIRECTOR

Mr. Hadley M. Bedbury
Diamond Shamrock Chemicals Company
1149 Ellsworth Drive
Pasadena, TX 77501

04 JAN 1985

RE: Diamond Shamrock Chemicals Co.
Carlstadt Facility, NJD 002012219 -
Harrison Facility, NJD 077557684 -

Batch-Approved Revised
Part A

Dear Mr. Bedbury:

This letter shall confirm the Carlstadt facility's hazardous waste operations discussed during the November 30, 1984 site visit by William B. Sharples and respond to the October 25, 1984 letter containing the above referenced facilities' revised Part A permit application.

The Department understands that all of the Carlstadt facility's hazardous waste activities are as follows:

1. Drum storage for greater than ninety (90) days occurs with on-site generated hazardous waste. This drum storage pad exists outdoors. Rain water collects on this pad and is discharged to the ground water.
2. Tank processing (S02 and T04) involves hazardous waste generated on-site from reactor vessel wash-outs. After batch chemical production, the reactor vessels used are cleaned with water. The wash water is allowed to collect in cement floor trenches. The trenches lead to stainless steel sumps. From the sumps, the wash water is directly pumped to two outdoor holding tanks. The holding tanks act solely as feed tanks for distillation. The feed tanks are directly connected to the distillation unit. The distillate produced is water and low boiling point organic compounds. The distillate is discharged to the local publicly owned treatment works facility. The bottom portion generated from distillation is comprised of high boiling point organic compounds. The bottom portion is allowed to fill the distillation unit. At this point, the distillation unit is emptied, in bulk, into a tank trailer for off-site disposal.

If the Department's understanding of the Carlstadt facility's hazardous waste activities is not accurate or incorrect in any way, please notify this Bureau immediately.

New Jersey Is An Equal Opportunity Employer

04 JAN 1985

Assuming the aforementioned is correct, the Bureau concludes that the Carlstadt facility, as referenced above, is a hazardous waste treatment, storage, or disposal facility (TSDF) and an industrial waste management facility (IWMF).

Please stand advised that the aforementioned Carlstadt facility hazardous waste activity may require a ground water discharge permit from the Division of Water Resources. In order to determine whether or not a permit is required, please notify Mr. Ken Siet, Division of Water Resources, Bureau of Ground Water Discharge Permits, CN 029, Trenton, New Jersey, (609) 292-0424 of the activity occurring on-site regarding the collection and discharge of rain water accumulated on the existing drum storage facility.

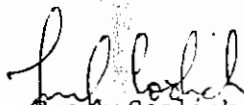
The TSDF is regulated by this Bureau in accordance with N.J.A.C. 7:26-1 et seq., and the IWMF portion of the facility is regulated by the Division of Water Resources, Industrial Waste Management section, in accordance with N.J.A.C. 7:14A-4 et seq.

The Harrison facility, as referenced above, is a TSDF with drum storage of hazardous waste for greater than ninety (90) days.

The Bureau hereby approves the Carlstadt and Harrison facilities revised Part A permit applications signed by K. P. Mitchell dated September 24, 1984.

If you have any questions regarding the contents of this letter or any other questions, please contact my office at (609) 292-9880.

Very truly yours,



Frank Coolick, Chief
Bureau of Hazardous Waste Engineering

EP6/slw

c: Ken Goldstein, DWR, BIWM
Angel Chang, USEPA, Region II
Ken Siet, DWR, BGWDP



Diamond Shamrock
Chemicals Company

October 25, 1984

Mr. Frank Coolick
New Jersey Department of
Environmental Protection
Bureau of Air Pollution Control
CN-028
Trenton, New Jersey 08625

RE: Revised Part A Application
Diamond Shamrock Chemicals Company
Carlstadt Facility, NJD002012219
Harrison Facility, NJD077557684

Dear Mr. Coolick:

As requested as part of our name change to Diamond Shamrock Chemicals Company we are submitting revised Part A Applications for our Carlstadt and Harrison facilities.

Under current regulations, the wastewater tank and still which were identified in the original Part A Application for the Carlstadt facility does not require a RCRA permit. This facility is regulated under the Industrial Waste Management Facility rules for NJPDES permit. This wastewater is treated and discharged under NJPDES permit #NJ0002798. We are applying for this permit to continue to operate the drum storage facility at Carlstadt. A recent picture is enclosed for your information.

The Harrison Facility is submitting its revised Part A Application for its drum storage operation. A recent picture is enclosed for your information. Both the Carlstadt and Harrison drum storage operations were existing prior to November, 1980.

Please call me at (713) 476-1409 if there are any questions about this application.

Sincerely,

Hadley M. Bedbury
Senior Environmental Engineer
Environmental and Safety Services

HMB/mp
Enclosures

Carlstadt, New Jersey Permits

Air Permits - NJDEP

013766
013767
019163
20761
044953
044657
34494
34495
34496
34497
30492
30483
30494
30485
30486
44676
45070
45071
45068
45069
45072
61853

HMB/mp
10/19/84

FORM 1 GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program (Read the "General Instructions" before starting.)		I. EPA I.D. NUMBER F N J D 0 0 2 0 1 2 2 1 9	
I. EPA I.D. NUMBER NJD002012219		III. FACILITY NAME DIAMOND SHAMROCK CHEMICALS COMPANY		V. FACILITY MAILING ADDRESS BERRY AVENUE AT ROUTE 17 CARLSTADT, NEW JERSEY 07072	
VI. FACILITY LOCATION BERRY AVENUE AT ROUTE 17 CARLSTADT, NEW JERSEY 07072		GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.			
II. POLLUTANT CHARACTERISTICS					
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.					
SPECIFIC QUESTIONS		MARK 'X'		SPECIFIC QUESTIONS	
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		YES	NO	B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)	
			X		
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		X		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)	
			X		
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)			X	H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)			X	J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	
III. NAME OF FACILITY DIAMOND SHAMROCK CHEMICALS COMPANY					
IV. FACILITY CONTACT HENRY JOSEPH ENVIRONMENTAL ENGR 201 933 5222					
V. FACILITY MAILING ADDRESS BERRY AVENUE AT ROUTE 17 CARLSTADT NJ 07072					
VI. FACILITY LOCATION BERRY AVENUE AT ROUTE 17 BERGEN CARLSTADT NJ 07072					

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST										B. SECOND									
7	2	8	6	9	(specify) END USE CHEMICALS + CHEMICAL PRODUCTS					7	2	8	4	3	(specify) SURFACE ACTIVE AGENTS				
C. THIRD										D. FOURTH									
7	2	8	2	1	(specify) PLASTIC & RESINS MATERIAL					7	(specify)								

VIII. OPERATOR INFORMATION

A. NAME																				B. Is the name listed in Item VIII-A also the owner?							
8 DIAMOND SHAMROCK CHEMICALS COMPANY																											
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)																											
F = FEDERAL		M = PUBLIC (other than federal or state)		P (specify)		E		2		1		4		6		5		9		7		0		0		0	
S = STATE		O = OTHER (specify)						A																			
P = PRIVATE																											
E. STREET OR P.O. BOX																				D. PHONE (area code & no.)							
351 PHELPS COURT (PO BOX 152300)																				214 659 7000							
F. CITY OR TOWN										G. STATE		H. ZIP CODE		IX. INDIAN LAND													
B IRVING										TX		75015		Is the facility located on Indian lands?													
														<input type="checkbox"/> YES <input type="checkbox"/> NO													

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)										D. PSD (Air Emissions from Proposed Sources)									
9	N	NJ 0002798								9	P								
B. UIC (Underground Injection of Fluids)										E. OTHER (specify)									
9	U									9		(specify)							
C. RCRA (Hazardous Wastes)										E. OTHER (specify)									
9	R									9		(specify)							

Air Permits - See Attached Sheet #1

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

A specialized proprietary chemical manufacturer serving the paper industry, the cement and concrete industry, the rubber and plastic industry, the textile industry and the oil well drilling industry.

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)										B. SIGNATURE										C. DATE SIGNED									
K. P. Mitchell										V.P. 9-24																			

COMMENTS FOR OFFICIAL USE ONLY

COMMENTS FOR OFFICIAL USE ONLY																			

III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS.....	P	KILOGRAMS.....	K
TONS.....	T	METRIC TONS.....	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES**1. PROCESS CODES:**

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.

2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.

3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZ. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

* EPA I.D. NUMBER (enter from page 1)													FOR OFFICIAL USE ONLY											
W N J D 0 0 2 0 1 2 2 1 9 T/A C 1													W S T/A C 2 DUP											
1 2 13 14 15 16 17 18 19													1 2 13 14 15 16 17 18 19											
IV. DESCRIPTION OF HAZARDOUS WASTES (continued)																								
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES																				
				1. PROCESS CODES (enter) 2. PROCESS DESCRIPTION (if a code is not entered in D(1))																				
1	D 0 0 1	3,000	P	S 0 1																				
2	D 0 0 2	5,000	P	S 0 1																				
3	D 0 0 3	1,000	P	S 0 1																				
4	U 1 2 2	5,000	P	S 0 1																				
5	U 1 6 5																							Included in Line 4 above
6	U 0 0 7	500	P	S 0 1																				
7	U 2 2 3	5,000	P	S 0 1																				
8	F 0 0 5	4,000	P	S 0 1																				
9	D 0 0 4																							Included in Line 8 above
10	D 0 0 5																							Included in Line 8 above
11	D 0 0 6																							Included in Line 8 above
12	D 0 0 7																							Included in Line 8 above
13	D 0 0 8																							Included in Line 8 above
14	D 0 0 9																							Included in Line 8 above
15	D 0 1 0																							Included in Line 8 above
16	D 0 1 1																							Included in Line 8 above
17	F 0 0 1																							Included in Line 8 above
18	F 0 0 4																							Included in Line 8 above
19	F 0 0 3																							Included in Line 8 above
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25																								
26																								

FORM 3 RCRA		U.S. ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE PERMIT APPLICATION Consolidated Permits Program (This information is required under Section 3005 of RCRA.)		I. EPA I.D. NUMBER F N J D 0 0 2 0 1 2 2 1 9																																																																									
FOR OFFICIAL USE ONLY																																																																													
APPLICATION APPROVED		DATE RECEIVED (yr., mo., & day)		COMMENTS																																																																									
II. FIRST OR REVISED APPLICATION																																																																													
Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.																																																																													
A. FIRST APPLICATION (place an "X" below and provide the appropriate date)																																																																													
<input checked="" type="checkbox"/> 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)																																																																													
<input type="checkbox"/> 2. NEW FACILITY (Complete item below.)																																																																													
FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)																																																																													
FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN																																																																													
B. REVISED APPLICATION (place an "X" below and complete Item I above)																																																																													
<input type="checkbox"/> 1. FACILITY HAS INTERIM STATUS																																																																													
<input type="checkbox"/> 2. FACILITY HAS A RCRA PERMIT																																																																													
III. PROCESSES - CODES AND DESIGN CAPACITIES																																																																													
A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).																																																																													
B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.																																																																													
1. AMOUNT - Enter the amount.																																																																													
2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measures that are listed below should be used.																																																																													
<table><thead><tr><th>PROCESS</th><th>PRO- CESS CODE</th><th>APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY</th><th>PROCESS</th><th>PRO- CESS CODE</th><th>APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY</th></tr></thead><tbody><tr><td>Storage:</td><td></td><td></td><td>Treatment:</td><td></td><td></td></tr><tr><td>CONTAINER (barrel, drum, etc.)</td><td>S01</td><td>GALLONS OR LITERS</td><td>TANK</td><td>T01</td><td>GALLONS PER DAY OR LITERS PER DAY</td></tr><tr><td>TANK</td><td>S02</td><td>GALLONS OR LITERS</td><td>SURFACE IMPOUNDMENT</td><td>T02</td><td>GALLONS PER DAY OR LITERS PER DAY</td></tr><tr><td>WASTE PILE</td><td>S03</td><td>CUBIC YARDS OR CUBIC METERS</td><td>INCINERATOR</td><td>T03</td><td>TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR</td></tr><tr><td>SURFACE IMPOUNDMENT</td><td>S04</td><td>GALLONS OR LITERS</td><td>OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided: Item III-C.)</td><td>T04</td><td>GALLONS PER DAY OR LITERS PER DAY</td></tr><tr><td>Disposal:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>INJECTION WELL</td><td>D79</td><td>GALLONS OR LITERS</td><td></td><td></td><td></td></tr><tr><td>LANDFILL</td><td>D80</td><td>ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER</td><td></td><td></td><td></td></tr><tr><td>LAND APPLICATION</td><td>D81</td><td>ACRES OR HECTARES</td><td></td><td></td><td></td></tr><tr><td>OCEAN DISPOSAL</td><td>D82</td><td>GALLONS PER DAY OR LITERS PER DAY</td><td></td><td></td><td></td></tr><tr><td>SURFACE IMPOUNDMENT</td><td>D83</td><td>GALLONS OR LITERS</td><td></td><td></td><td></td></tr></tbody></table>						PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	Storage:			Treatment:			CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY	TANK	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY	WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR	SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS	OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided: Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY	Disposal:						INJECTION WELL	D79	GALLONS OR LITERS				LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER				LAND APPLICATION	D81	ACRES OR HECTARES				OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY				SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS			
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EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.																																																																													
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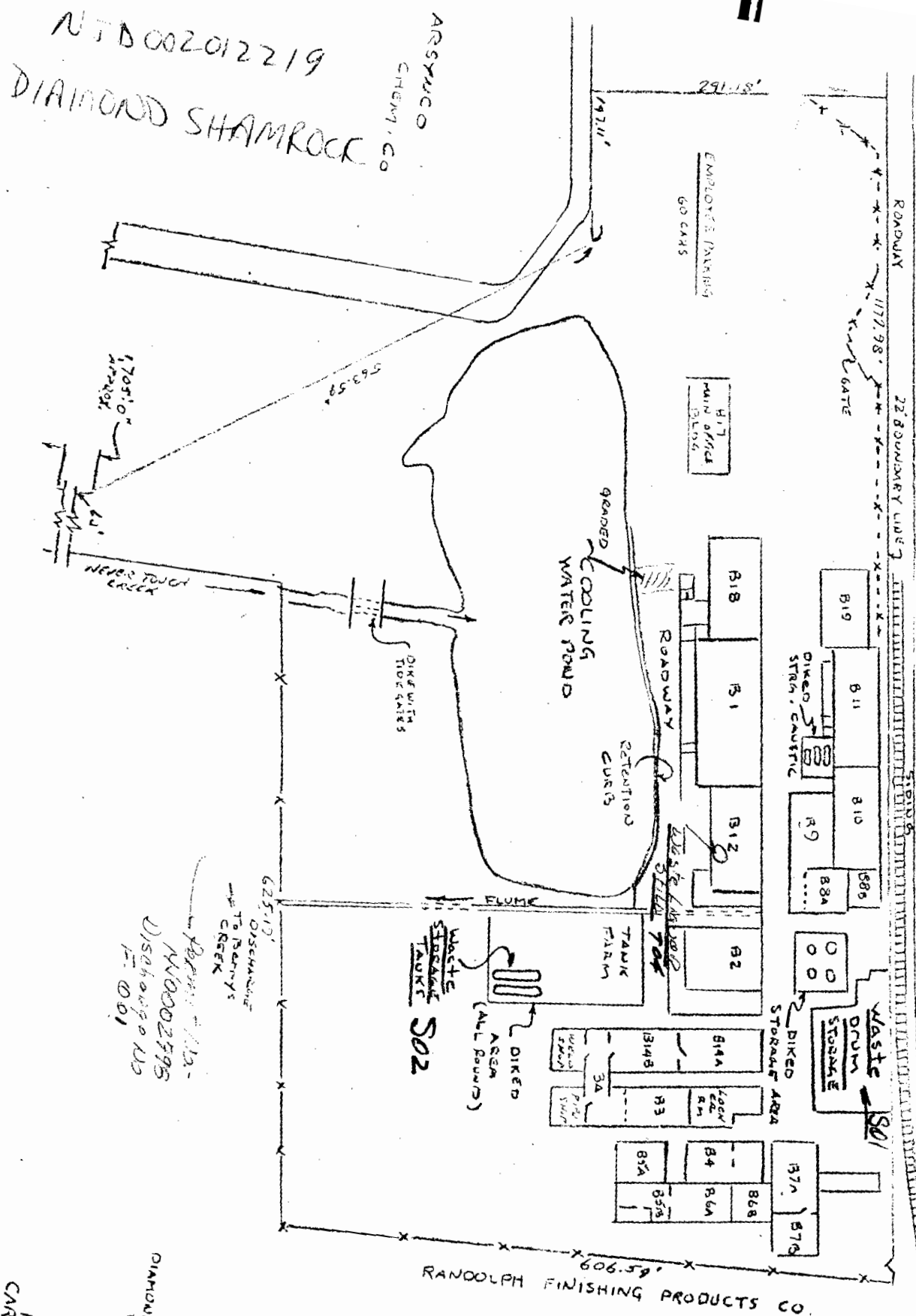


FACILITY DRAWING
MID 20 2219
PIANCK STANROCK CORP
BERRY AVENUE RT 17
CARLSTADT NJ 07024

UNITED STATES
WEEHAWKEN QUADRANGLE

OPERATION
AT RTE 17

ANTRAC MAIN LINE



PLOT PLAN
CARLSTADT PLANT
LOCALISTADT, AL scale 1:100

DIAMOND STARROCK CHEMICAL
PROCESS CHEM DIV.

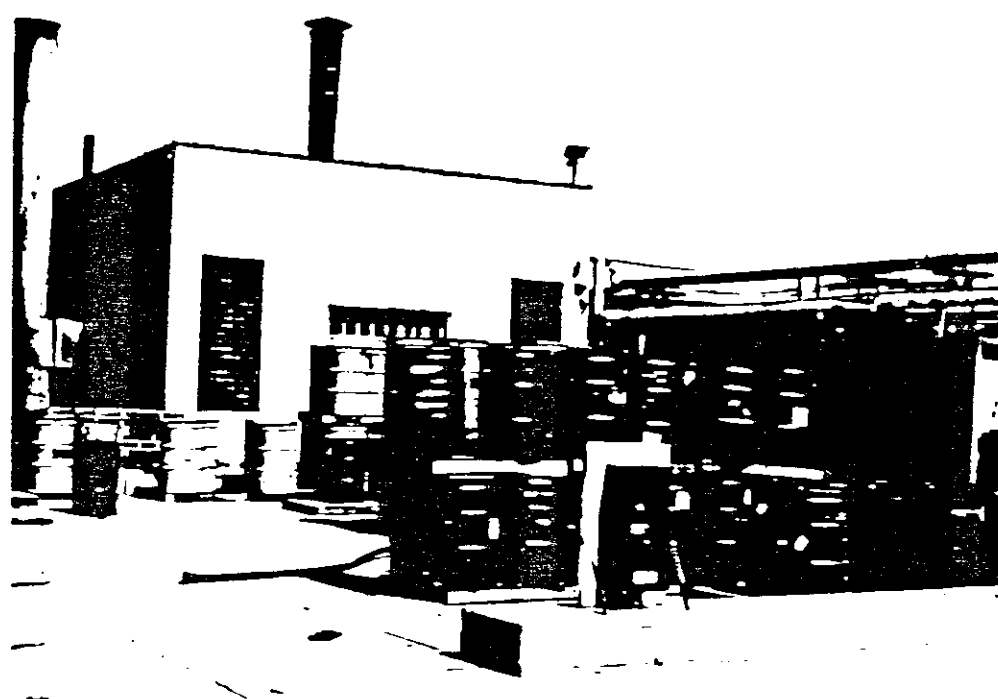
Harrison, New Jersey Permits

Air Permits - NJDEP

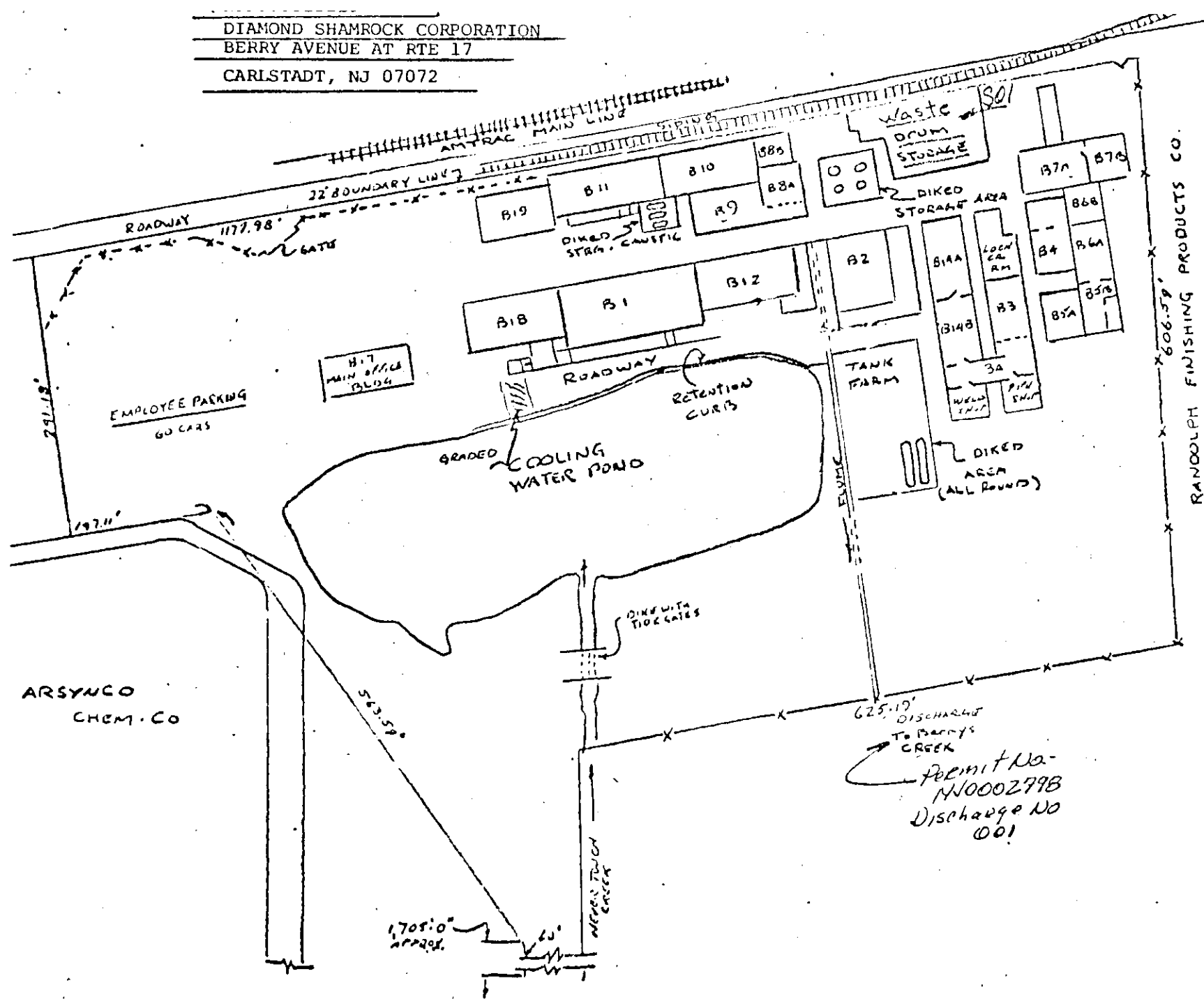
13735
036250

HMB/mp
10/19/84

CARLSTADT DRUM STORAGE FACILITY
9/5/84



DIAMOND SHAMROCK CORPORATION
BERRY AVENUE AT RTE 17
CARLSTADT, NJ 07072



DIAMOND SHAMROCK CHEM

PLOT PLAN
CARLSTADT PLANT

LOC. CARLSTADT, NJ SCALE 1\"/>

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)

F M J D 0 0 2 0 1 2 2 1 9 T/A C 6

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

4 0 5 0 1 9

LONGITUDE (degrees, minutes, & seconds)

7 4 0 4 5 5

VIII. FACILITY OWNER

XX A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

E

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

F G

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

K. P. Mitchell

B. SIGNATURE

K.P. Mitchell

C. DATE SIGNED

10/3

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

K. P. Mitchell

B. SIGNATURE

K.P. Mitchell

C. DATE SIGNED

10/3



Diamond Shamrock

June 30, 1983

JUL 5 11 43 AM '83
ENVIRONMENTAL ACTION
NEW YORK, N.Y. 10007

N.J. Department of Environmental
Protection
Solid Waste Administration
Bureau of Hazardous Waste
32 East Hanover Street
Trenton, NJ 08625

RE: Request Environmental Permit Transfer
to New Facility Owner
Carlstadt, N.J. Plant
EPA I.D. No. NJD002012219

Dear Sir:

Diamond Shamrock Corporation and W. R. Grace & Company are negotiating terms of sale for the subject facility. We anticipate bringing these negotiations to a successful completion and closing the sale in early September, 1983. We request that you transfer responsibility for existing permits, listed below, as well as any registrations or pending applications, to W. R. Grace & Company on the date ownership transfers. The exact facility ownership transfer date will be provided to you when it is determined. Diamond Shamrock Corporation will retain full responsibility for all permits until they are transferred.

We have provided copies of all permits to W. R. Grace & Company, and they will be contacting you to confirm this request and accept the terms of all such permits. The existing permits are identified below:

Part "A" Permit Application

Sincerely,

DIAMOND SHAMROCK CORPORATION

Edward E. Noble

Edward E. Noble
Field Services Manager
Environmental and Safety Services
Chemical Unit

EEN:nls

Diamond Shamrock Corporation 1100 Superior Avenue, Cleveland, Ohio 44114 Phone: 216 694-5000

gk
HUMAN
7/11/83

32

June 30, 1983

Page 2

cc: U.S. EPA - Region II ✓
Information Service Center
Federal Office Building
26 Federal Plaza
New York, NY 10007



Diamond Shamrock

Process Chemicals Division

August 18, 1980

E.P.A. Region II
Information Service Center
26 Federal Plaza
New York, New York 10007

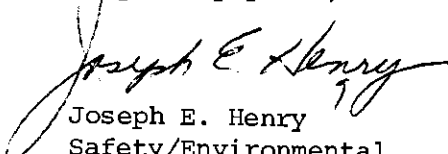
Gentlemen:

Attached is the Notification of Hazardous Waste Activity form for the Diamond Shamrock Corporation's plant at Carlstadt, New Jersey.

If you have any questions, please contact me at the phone number listed.

Thank you.

Very truly yours,


Joseph E. Henry
Safety/Environmental
Control Engineer

JEH/g
att/

DATE RETURNED
REASON

☐ ACKNOWLEDGEMENT SENT

Complete

INTERNAL CHECKLIST

ID # NJD002012219

1. Interim Regulatory Requirements

A. (1) FORM 1 MISSING ☐

(2) FORM 3 MISSING ☐

B. POSTMARK after NOVEMBER 19, 1980 ☐

Valid ☐

C. (1) DATE of OPERATION MISSING ☐

(2) DATE of OPERATION after NOVEMBER 19, 1980 ☐

(i) NON-NOTIFIER ☐
D. (2) NOTIFIED after AUGUST 18, 1980 ☐

Valid ☐

E. (1) FORM 1, VIII B SIGNATURE MISSING ☐

(2) FORM 3, IX B SIGNATURE MISSING ☐

2. { A. HANDLER ☐

B. NONREGULATED ☐

C. UNSURE ☐

D. UNKNOWN FACILITY ☐
(missing name and address on Form 3)

E. NEW FACILITY > NOV. 19, 1980 ☐

F. CORE ITEM(S) MISSING ☐

G. NON-CORE ITEM(S) MISSING ☐

H. OTHER ☐

MISSING :

MAP ☐

DRAWING ☐

PHOTO ☐

AOIC

2
7
JED

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

October 3, 1980

File Reg

~~NJD078712288~~

DIAMOND SHAMROCK CHEMICAL CORP

NJD002012219

BERRY AVE
CARLSTADT

NJ 07072

Dear Sir:

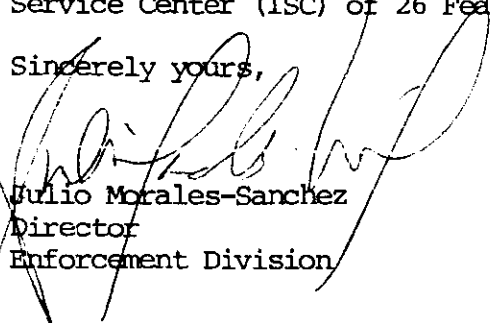
The United States Environmental Protection Agency ("EPA") regulates the handling of hazardous wastes under the Resource Conservation and Recovery Act ("RCRA") 42 U.S.C. §6901 et seq. Under Section 3010 of RCRA, 42 U.S.C. §6930, parties handling certain quantities of hazardous wastes (these wastes are characterized and listed in regulations which were published in the Federal Register of May 19, 1980, 45 FR 33084 et seq. and July 16, 1980, 45 FR 47832 et seq.) are required to notify EPA of their activities. Facilities handling wastes defined by the May 19, 1980 regulations were required to notify by August 18, 1980. Facilities handling wastes defined by the July 16, 1980 regulations are required to notify by October 14, 1980. We have not yet received a notification from you or your company. ✓

Section 3007 of RCRA, 42 U.S.C. §6927, allows EPA to request certain information of parties who handle hazardous wastes. Based on information available to this Agency, we believe that you or your company handles such hazardous wastes. Therefore, in order to determine the extent of your hazardous waste activity, and to determine whether you should have notified EPA pursuant to §3010, we require that you complete the questionnaire on the reverse side of this letter. Your completed form should be returned to us within 21 days of the date of this letter. The questionnaire must be completed and signed by a responsible official of your firm. If you have already notified EPA of your hazardous waste activity, please complete the questionnaire but indicate on the form your prior notification and list your EPA Identification Number, if available.

Your failure to respond to this letter in a timely manner may subject you to the initiation of enforcement action under Section 3008 of RCRA, 42 U.S.C. §6928. Such enforcement action may include the assessment of substantial penalties for continued non-compliance.

Completion of the questionnaire on the reverse side of this letter does not constitute notification under RCRA. If you have any questions on the contents of this letter or desire a notification package, please write the EPA Information Service Center (ISC) of 26 Federal Plaza, New York, New York 10278.

Sincerely yours,


Julio Morales-Sanchez
Director
Enforcement Division

Hazardous Waste Activity Questionnaire

1. Do you generate hazardous wastes as listed or characterized by the May 19, 1980 and/or the July 16, 1980 Federal Register?

- ☒ Yes. If yes, specify the maximum rate of generation (kilograms/month)* approx. 2,000 Kg max.
☐ No waste generated.
☐ Wastes are generated but all wastes are not hazardous.
☐ Hazardous wastes are generated, but are excluded under the provisions of 40 CFR Section 261.5, as indicated below:

- ☐ Generate greater than zero but less than 1000 kilograms*/month of waste listed in 40 CFR Sections 261.31, 261.32 and 261.33(f).
☐ Generate greater than zero but has less than 1 kilogram*/month of acutely toxic waste listed in 40 CFR Section 261.33(e).
☐ Generate greater than zero but less than 10 kilograms*/month of container inner liners (see 40 CFR Sections 261.5(c) and 261.33(e)).
☐ Generate greater than zero but less than 100 kilograms*/month of spill residues (see 40 CFR Sections 261.5(c) and 261.33(e)).

2. Do you transport or are hazardous wastes transported off your site?

- ☐ Yes, hazardous wastes are transported off-site using company vehicles. Maximum amount (kilograms)* per month _____.
☒ Yes, hazardous wastes are transported off-site utilizing a contract carrier. Specify carrier name(s) and amounts SCA & Modern Transportation - approx. 2000 Kg/mo.
☐ Yes, hazardous wastes are transported off-site but all wastes are excluded under 40 CFR Section 261.5.
☐ No wastes are transported off-site.
☐ Wastes are transported off-site but all wastes are not hazardous.

3. Do you receive or accept hazardous wastes from other facilities for transportation to another site?

- ☐ Yes. If yes, maximum amount at _____ time (kilograms)* _____.
Maximum amount from _____ by one facility (kilograms)* _____.
Specify mode of transportation _____.
☒ No.

4. Do you treat hazardous wastes?

- ☒ Yes. Maximum amount treated (kilograms)* in any month approx. 2000 Kg.
☐ No wastes treated.
☐ All wastes treated are non-hazardous.

5. Do you store hazardous wastes?

- ☒ Yes. Maximum amount stored (kilograms)* at one time approx. 4000 Kg.
Maximum length of storage (days) after generation or receipt 10 days
☐ No wastes stored.
☐ Wastes are stored but all wastes are non-hazardous.

6. Do you dispose of hazardous wastes on your property?

- ☐ Yes. Maximum amount disposed on-site in one month (kilograms)* _____.
☒ No wastes disposed.
☐ Wastes are disposed but are non-hazardous.

7. Please indicate briefly the ultimate method of disposal of all wastes (hazardous and non-hazardous) from your facility. Attach separate sheet if necessary.

- ☐ Disposed on-site. Specify method _____.
☒ Disposed off-site. Specify method and name of disposal facility SCA Chemical Services, Chemical Treatment.

8. Have you already notified EPA of your hazardous waste activity?

- ☒ Yes. If yes, indicate EPA Identification Number if available NJD002012219
☐ No.

*1 kilogram=2.20 pounds

Joseph E. Henry

Printed Name of Person Completing Questionnaire

Safety/Environmental Control Engineer

Title

R. A. Chomley, Plant Manager

Joseph E. Henry

Signature

October 22, 1980

Date



Diamond Shamrock
Chemicals Company

April 27, 1984

Gulf Coast Area

ENVIRONMENTAL PROTECTION
AGENCY
NEW YORK, N.Y. 10007
MAY 9 2 35 PM '84

U. S. EPA
Region II
Information Service Center
Federal Office Building
26 Federal Plaza
New York, NY 10007

NJD 002012219

RE: Previous Notice Letter
Carlstadt, New Jersey Plant

Dear Sir:

Please be advised that, contrary to our earlier correspondence of July 12, 1983, no sale is currently anticipated for this subject facility and transfer of permit and responsibility is not required.

In addition, please note that effective November 1, 1983, we changed our name to Diamond Shamrock Chemicals Company which is a wholly-owned subsidiary of Diamond Shamrock Corporation. Our records indicate the following permit(s) for this facility have been issued to Diamond Shamrock Corporation:

No permits. Part "A" RCRA Permit Application will be revised.

We respectfully request that you amend your files to reflect the above name change. Also please send a copy of all regulatory correspondence regarding permits, proposed regulations and enforcement activities to the address listed below, as well as the plant address.

Should you require additional information please contact me at (713) 476-1243.

Sincerely,

Barry H. Christensen
Environmental and Safety Services

BHC:sd

in name
back from
W.R. Grace
840605
S



Diamond Shamrock
Chemicals Company

April 27, 1984

Gulf Coast Area

MAY 8 2 19 PM '84
ENVIRONMENTAL PROTECTION
AGENCY
NEW YORK, NY 10007

U. S. EPA Region II
Information Service Center
Federal Office Building
26 Federal Plaza
New York, NY 10007

RE: Previous Notice Letter
Carlstadt, New Jersey Plant

Dear Sir:

Please be advised that, contrary to our earlier correspondence of June 30, 1983, no sale is currently anticipated for this subject facility and transfer of permit and responsibility is not required.

In addition, please note that effective November 1, 1983, we changed our name to Diamond Shamrock Chemicals Company which is a wholly-owned subsidiary of Diamond Shamrock Corporation. Our records indicate the following permit(s) for this facility have been issued to Diamond Shamrock Corporation:

Part "A" Permit Application.

We respectfully request that you amend your files to reflect the above name change. Also please send a copy of all regulatory correspondence regarding permits, proposed regulations and enforcement activities to the address listed below, as well as the plant address.

Should you require additional information please contact me at (713) 476-1243.

Sincerely,

Barry H. Christensen
Environmental and Safety Services

BHC:sd

JUN 21 RECD



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT

LANCE R. MILLER, DIRECTOR

CN 028
Trenton, N.J. 08625-0028
(609) 633-1408
Fax # (609) 633-1454

Edward A. Vanyo
Environmental Engineer
Henkel Corporation
Organic Products Div.
300 Brookside Avenue
Ambler, PA 19002

JUN 17 1991

RE: Closure Certification for Henkel Corporation, Organic Products
Division, Carlstadt, Bergen County, NJ, EPA ID No. NJD 002 012 219,
NJ Project No. CP-88-7

Dear Mr. Vanyo:

This letter is in response to Henkel Corporation's May 2, 1989 submittal. This submittal included written certifications of closure for a hazardous waste container storage area. A professional engineer, Richard W. Chapin, P.E. (NJ License Number GE 27860), and Henkel's Plant Manager, Donald M. Tyler, both certified the closure. These certifications document completion of all closure plan procedures in accordance with the December 14, 1987 closure plan. These procedures exclude the actions accomplished for soil sampling for closure of the hazardous waste container storage area.

Based on the review of the closure certification submittal and a closure certification inspection performed by Boleslaw Czechor of the Bureau of Metro Enforcement and Dawn McLaurin of the Bureau of Hazardous Waste Engineering (the Bureau) on May 24, 1991, the Division of Hazardous Waste Management has determined that the Henkel Corporation's Carlstadt plant complied with the requirements of the approved closure plan. Therefore, the Bureau accepts the closure certification in accordance with N.J.A.C. 7:26-9.8(1)1 and 2.

Henkel Corporation filed a Part A permit application with the USEPA on November 19, 1980, listing the activities S01 (storage in containers), S02 (storage in tanks), and T04 (tank processing). The S02 and T04 operation (wastewater tank and still) is an Industrial Waste Management Facility (IWMF) not required to obtain a hazardous waste facility permit pursuant to N.J.A.C. 7:26-12.1(b)3. The facility submitted a closure plan for the purpose of delisting from hazardous waste storage facility status to generator status.

A complete delisting of Henkel Corporation from hazardous waste facility status to generator status can only occur after the Department accepts the soil sampling results for the delineation and remediation of contamination

New Jersey is an Equal Opportunity Employer
Recycled Paper

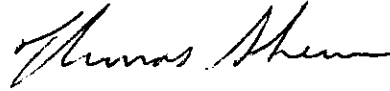


JUN 27 1991

per condition three (3) of the December 22, 1988 closure plan approval and finds the clean-up level(s) satisfactory.

Please call Dawn McLaurin at (609) 292-9880 if you have any questions or comments.

Very truly yours,



Thomas Sherman, Chief
Bureau of Hazardous Waste Engineering

EP64/cfd

c: Yacoub Yacoub, MFO
Ellen Doering, USEPA

DOCUMENT: HENKEL7
FOLDER: DBMMCB



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WASTE MANAGEMENT

32 E. Hanover St., CN 028, Trenton, N.J. 08625

MARWAN M. SADAT, P.E.
DIRECTOR

LINO F. PEREIRA, P.E.
DEPUTY DIRECTOR

- 1 JUN 1984

Mr. B. H. Christensen
Diamond Shamrock Chemical Company
1149 Ellsworth Drive
Pasadena, TX 77501

Re: Diamond Shamrock Corporation
(1) NJD 002 012 219 - Carlstadt
(2) NJD 077 557 684 - Harrison
(3) NJD 052 449 022 - Morristown

Dear Mr. Christensen:

The Bureau of Hazardous Waste Engineering has reviewed the April 27, 1983, April 30, 1983, and May 3, 1983 notices of name changes from Diamond Shamrock Corporation to Diamond Shamrock Chemicals Company for the above referenced hazardous waste facilities respectively. Each notice also has referred to the earlier anticipated ownership change from Diamond Shamrock Corporation to W. R. Grace & Company as not to occur.

Therefore, since no ownership or operational control change has occurred or is anticipated, the procedures found under NJAC 7:26-12.3(c) are not applicable. Instead, the above referenced facilities must file with the Bureau updated Part A Permit applications reflecting the name change and an explanation for any other informational changes which may appear on the updated application.

Also, please be advised that the above referenced facilities retain responsibility for having closure financial assurance and liability requirements for existing facilities found under NJAC 7:26-9.10, Financial Requirements for Facility Closure and NJAC 7:26-9.13, Liability Requirements.

Upon review of the above referenced facility files for closure financial assurance and liability requirements the Bureau finds each facility to be in non-compliance with the requirements in accordance with NJAC 7:26-9.10 and 9.13. Attached is a copy of a letter to Mr. R. D. Stauffer of Diamond Shamrock detailing the results of a closure assurance and liability review dated May 15, 1984 outlining deficiencies. As specified in the letter these documents shall be submitted by June 14, 1984. In conclusion, please submit an updated Part A Permit application as specified above within thirty (30) days from the date of this letter.

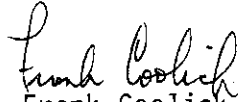
New Jersey Is An Equal Opportunity Employer

B. H. Christensen

-2-

If you have any questions, please contact W. B. Sharples of my staff at (609) 984-4062.

Very truly yours,



Frank Coolick, Chief,
Bureau of Hazardous Waste Engineering

EP6:drg
Attachments

cc: J. Barry
BCE

Joel Golumbek
USEPA



CN 028
Trenton, N.J. 08625-0028

ENVIRONMENTAL
PROTECTION AGENCY
(609) 292-9880

88 AUG -4 AM 10: 50

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT

HAZARDOUS WASTE
FACILITIES BRANCH

Michele M. Putnam
Deputy Director
Hazardous Waste Operations

John J. Trela, Ph.D., Director

Lance R. Miller
Deputy Director
Responsible Party Remedial Action

AUG 01 1988 ✓

NJD002012219

OWN PROCEEDS

Herald News
988 Main Ave.
Passaic, NJ 07055

Dear Sir/Madam:

CP

Please publish the enclosed PUBLIC NOTICE as a legal advertisement one (1) time only in your earliest available issue.

This notice should not be typeset as a display ad, but should be set solid in one column width using type sizes prescribed by statute. Please enter the date of publication on the fourth line of the notice.

We have enclosed a State of New Jersey Invoice form for your billing convenience. Please be sure to:

1. Mail one copy of the published notice (showing the date of publication) to the address shown in the box marked "SHIP TO:" on page 1 of the invoice.
2. Sign and date the "Payee Declaration" on page 2 of the invoice.
3. Attach one copy of the published notice to each of the original and first duplicate pages of the invoice.
4. Mail the completed invoice with attached copies to the address shown in the box marked "BILL TO:" on page 1 of the invoice.

If you have any questions, or require further clarification, please call Anthony Fontana of my staff at (609) 292-9880.

Very truly yours,

Ernest J. Kuhlwein, Jr., Chief
Bureau of Hazardous Waste Engineering

EP63/slw
Enclosures
cc: Barry Tornick, USEPA

PUBLIC NOTICE

In Reference: RCRA Facility ID NO. NJD 002 012 219
NJ Project No. CP-88-7

Date:

Notice is hereby given that:

Henkel Process Chemicals, Inc.
Berry Avenue at Route 17 North
Carlstadt, NJ 07022

has submitted to the New Jersey Department of Environmental Protection (NJDEP) under the provisions of the New Jersey Administrative Code (N.J.A.C.) 7:26-1 et seq., a closure plan for a hazardous waste container (drum) storage area.

The plans have been submitted in compliance with the standards set forth in subchapter 9 of N.J.A.C. 7:26.

This notice is hereby given to inform the public that the NJDEP is presently considering the proposed plan.

The closure plan calls for removal of all hazardous waste containers from the storage area followed by decontamination of the storage pad by high pressure washing. Soil sampling of exposed soils surrounding the pad will be required, and a cleanup program will be carried out if the soil is found to be contaminated by waste. All hazardous waste resulting from the closure and cleaning operations will be disposed of off-site to an authorized disposal facility. After closure, the drum storage area will be used for storage of hazardous waste for less than 90 day periods.

The plans are available for inspection. Anyone wishing to obtain a copy of the plan, or arrange to review Departmental files, should contact Mr. Anthony Drummings, Bureau of Hazardous Waste Engineering at (609) 292-9880. Anyone wishing to present formal comments should send them to: Mr. Ernest J. Kuhlwein, Jr., Chief, Bureau of Hazardous Waste Engineering, 401 East State Street, Trenton, New Jersey, 08625 or call (609) 292-9880. All written comments must be submitted no later than 30 days from the date of publication of this notice.

DOCUMENT: HENKEL
FOLDER: SLWMCB

TRANSACTION CODE	BATCH NUMBER	NEW/MATCH
47 0		

STATE
OF
NEW JERSEY

FISCAL YEAR	TRANSACTION DATE	DOC TYP	DOCUMENT NUMBER	REJECT INDICATOR
8,9	0,7,2,5,8,8	I	22-000	

AGENCY PURCHASE ORDER/INVOICE

VENDOR STATUS: ☐ BLANK = NO CHANGE
1 = NEW VENDOR
2 = ADDRESS CHANGE
3 = LOCATION CODE
4 = NEW VENDOR AND LOCATION
5 = VENDOR NO. CORRECTION

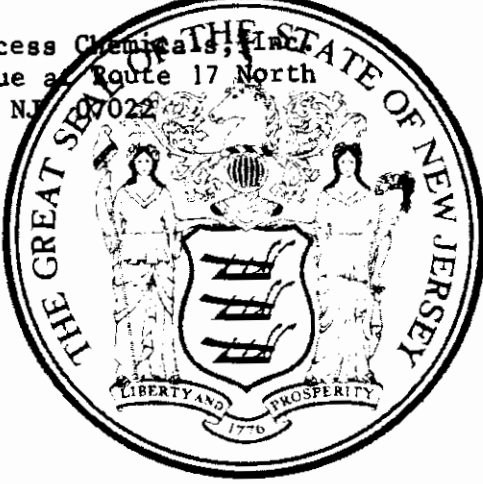
(9) ACCOUNT NUMBER	(10)	(11)	(12)	(13) TOTAL AMOUNT	(14) AGENCY P.O. NUMBER	(15) OBLIGATION NUMBER
ORGANIZATION	FUND	PROGRAM	OBJECT	COST CENTER	PROJECT ACTIVITY	EXTENDED NO.
4910	100	230000	38	MOB	31A	

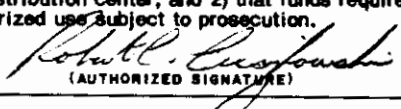
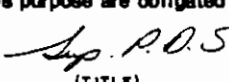
VENDOR NAME AND ADDRESS (17) NAME, STREET, CITY, STATE, ZIP CODE Herald News 988 Main Ave. Passaic, NJ 07055 ATTN: Legal Ads	CONTACT FOR INFORMATION (NAME AND PHONE NO.) Anthony Fontana (609) 292-9880 IF DIRECT PURCHASE OR SPECIAL PROCUREMENT, INDICATE DATE QUOTATION RECEIVED
---	---

BILL TO: ENTER COMPLETE NAME AND ADDRESS FOLD MARK NJDEP-DHWM 401 East State St. Trenton, NJ 08625 ATTN: Pam Stackhouse, 6th Fl.	SHIP TO: Ernest J. Kuhlwein, Jr., Chief NJDEP, DHWM, BHWE 401 E. State St., 5th Fl. Trenton, NJ 08625
---	---

(18) COMMODITY CODE 79403	VENDOR INVOICE NUMBER	(19) VENDOR IDENTIFICATION NUMBER 221186620	CONTRACT NUMBER
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INSTRUCTIONS TO VENDOR: (1) YOU MUST USE THE ATTACHED STATE INVOICE FORM (ORIGINAL AND DUPLICATES) FOR BILLING PURPOSES. (2) IF THIS IS A PARTIAL BILLING, YOU MUST SUBMIT BALANCES ON SEPARATE STATE INVOICE FORMS. (3) ENCLOSE PACKING SLIP WITH SHIPMENTS. (4) SHOW OBLIGATION NUMBER AND ACCOUNT NUMBER ON ALL BILLS OF LADING, INVOICES, AND CORRESPONDENCE. (5) ADDRESS ALL CORRESPONDENCE TO THE STATE AGENCY INDICATED ABOVE.	CASH DISCOUNT
---	---------------

ITEM NO.	QUANTITY	UNIT	DELIVER THE FOLLOWING ITEMS F.O.B. DESTINATION DESCRIPTION	UNIT PRICE	AMOUNT
1	1	ea.	LEGAL ADVERTISEMENT Henkel Process Chemicals, Inc. Berry Avenue at Route 17 North Carlstadt, NJ 07022 		

AGENCY APPROVAL: Signature affixed to this purchase order serves as certification: 1) that items purchased under DPA authorization are not currently available under the provisions of a current State contract or from the State distribution center; and 2) that funds required and authorized for this purpose are obligated and available. Unauthorized use subject to prosecution.  (AUTHORIZED SIGNATURE)	 (TITLE)	TOTAL OBLIGATION AMOUNT
(PRINTED OR TYPED NAME OF AUTHORIZING EMPLOYEE)	7/26/88 (DATE)	TYPE OF PURCHASE AUTHORIZATION (Check one) <input type="checkbox"/> ANNUAL CONTRACT AUTHORIZATION <input type="checkbox"/> BLANKET ORDER <input type="checkbox"/> DIRECT PURCHASE AUTHORIZATION <input type="checkbox"/> SPECIAL PROCUREMENT AUTHORIZATION

This transaction is authorized by the Director of Purchase and Property in accordance with the provisions of Chap. 179 P.L. 1931 as amended. The issuing Agency's Approval Officer's signature guarantees all provisions governing the Authorization granted by the Director have been complied with. Type and number of authorization to be indicated in the space provided. Material delivered against this order is NOT subject to Federal Excise Taxes. N.J. Excise Tax Exemption Certificate No. 22-75-0050K Exemption Certificate will be submitted on request. N.J.S.A. 54:32 B-1 et seq. exempts all materials sold N.J. State Agencies from Sales or Use Taxes. Do not include them in your price. The parties to this contract do hereby agree that the provisions of N.J.S.A. 10:2-1 et seq. dealing with discrimination in employment on public contracts, and the Rules and Regulations promulgated pursuant thereto, are hereby made a part of this contract and are binding upon them.

PB2-AR47 (6-82) JUL 26 1988

VENDOR COPY

OLD NAME

CHANCES IN HAZARDOUS WASTE HANDLERS' NAMES

REPORT PERIOD:

Updated
2/22/89

NEW NAME:

NSD 002012219

1. General
 2. Specific
 3. Particular
 4. Detail
 5. Example
 6. Illustration
 7. Comparison
 8. Contrast
 9. Analogy
 10. Metaphor
 11. Simile
 12. Personification
 13. Hyperbole
 14. Oxymoron
 15. Irony
 16. Sarcasm
 17. Allegory
 18. Satire
 19. Pastorale
 20. Idyll
 21. Novel
 22. Short Story
 23. Play
 24. Opera
 25. Ballet
 26. Music
 27. Painting
 28. Architecture
 29. Design
 30. Art
 31. Science
 32. Technology
 33. Industry
 34. Commerce
 35. Finance
 36. Law
 37. Medicine
 38. Education
 39. Religion
 40. Philosophy
 41. History
 42. Geography
 43. Environment
 44. Climate
 45. Weather
 46. Seasons
 47. Time
 48. Space
 49. Distance
 50. Direction
 51. Location
 52. Position
 53. Orientation
 54. Navigation
 55. Transportation
 56. Communication
 57. Information
 58. Knowledge
 59. Understanding
 60. Wisdom
 61. Experience
 62. Observation
 63. Experiment
 64. Research
 65. Discovery
 66. Invention
 67. Creation
 68. Innovation
 69. Progress
 70. Development
 71. Growth
 72. Expansion
 73. Contraction
 74. Reduction
 75. Elimination
 76. Removal
 77. Deletion
 78. Erasure
 79. Correction
 80. Amendment
 81. Revision
 82. Update
 83. Upgrade
 84. Improve
 85. Enhance
 86. Strengthen
 87. Support
 88. Assist
 89. Help
 90. Aid
 91. Benefit
 92. Advantage
 93. Profit
 94. Gain
 95. Loss
 96. Damage
 97. Harm
 98. Injury
 99. Wound
 100. Pain
 101. Suffering
 102. Struggle
 103. Conflict
 104. War
 105. Peace
 106. Harmony
 107. Unity
 108. Cooperation
 109. Collaboration
 110. Partnership
 111. Relationship
 112. Connection
 113. Link
 114. Bridge
 115. Path
 116. Way
 117. Route
 118. Direction
 119. Guidance
 120. Leadership
 121. Management
 122. Organization
 123. Structure
 124. System
 125. Method
 126. Technique
 127. Process
 128. Procedure
 129. Protocol
 130. Policy
 131. Plan
 132. Program
 133. Project
 134. Task
 135. Job
 136. Work
 137. Effort
 138. Energy
 139. Power
 140. Force
 141. Strength
 142. Weakness
 143. Limitation
 144. Constraint
 145. Barrier
 146. Obstacle
 147. Challenge
 148. Opportunity
 149. Potential
 150. Future
 151. Past
 152. Present
 153. Time
 154. Space
 155. Distance
 156. Direction
 157. Location
 158. Position
 159. Orientation
 160. Navigation
 161. Transportation
 162. Communication
 163. Information
 164. Knowledge
 165. Understanding
 166. Wisdom
 167. Experience
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 247. Strength
 248. Weakness
 249. Limitation
 250. Constraint
 251. Barrier
 252. Obstacle
 253. Challenge
 254. Opportunity
 255. Potential
 256. Future
 257. P



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT

John J. Trela, Ph.D., Acting Director

401 East State St.

CN 028

Trenton, N.J. 08625

609-633-1408

M E M O R A N D U M

TO: BHWE Staff

FROM: Ernest J. Kuhlwein, Jr., Chief
 Bureau of Hazardous Waste Engineering

SUBJECT: ECRA/BHWE Overlap Cases

APR 29 1987

Below is an update to the list of RCRA TSD facilities which are undergoing simultaneous ECRA case management and RCRA review. The following list includes the newest ECRA/RCRA overlap cases from January 1987 through March 1987.

d = delisting

sp = seeking HWF RCRA Permit

ECRA Cases That Are Also BHWE RCRA TSD Facilities

<u>Notice</u>	<u>Status</u>	<u>Company</u>	<u>Municipality</u>
87025	d	Brush-Wellman	Hampton
87027	sp	Safety-Kleen	Bound Brook
87159	d	RCA Corporation	Camden
87174		Owen-Illinois, Inc.	Vineland
87218		Oxy Process Chemicals	Carlstadt
87219		Oxy Process Chemicals	Harrison Town
87263		Ethicon, Inc.	Bridgewater
87117	d	BASF Corporation	Hawthorne

EP51/lwg

cc: Jonathan Berg

Lori Amato, USEPA

John Mateo, BEMQA



CN 029

Water Quality Management

GEORGE G. McCANN, P.E.
Acting Director

DIRK C. HOFMAN, P.E.
DEPUTY DIRECTOR

Mr. Hadley M. Bedbury
Diamond Shamrock Chemicals Company
1149 Ellsworth Drive
Pasadena, TX 77501

JUL 25 1986

1/6/88 ✓ CART 9: 00:00

RE: Determination of RCRA/IWMF Status
Diamond Shamrock Chemicals Company, Carlstadt, New Jersey
EPA I.D. No. NJD 002 012 219

Dear Mr. Bedbury:

This is in response to a submittal to Mr. Kenneth Goldstein, Chief of the Industrial Pretreatment Section, received on January 8, 1985, from the Bureau of Hazardous Waste Engineering, concerning the classification of Diamond Shamrock Chemicals Company as an Industrial Waste Management Facility (IWMF).

The "wastewater treatment unit", for which your company filed a RCRA Part A application as a treatment facility, has been determined to be under the scope of the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1.1 et seq. The company is subject to the Industrial Waste Management Facility (IWMF) requirements of Subchapter 4 of the New Jersey Pollutant Discharge Elimination System (NJPDDES) Regulations, N.J.A.C. 7:14A-1.1 et seq. Enclosed is an IWMF worksheet which shows the basis of our determination. Your NJPDDES/SIU permit will be modified to incorporate the IWMF provisions.

This action does not relieve Diamond Shamrock Chemicals Company of the responsibility for complying with the hazardous waste generation and accumulation requirements of the New Jersey Hazardous Waste Regulations, N.J.A.C. 7:26-1 et seq. Since your facility will accumulate hazardous waste residuals for periods longer than 90 days, this constitutes a hazardous waste TSD storage facility, and is subject to regulation under N.J.A.C. 7:26-1 et seq.

New Jersey Is An Equal Opportunity Employer

If there are any questions concerning this letter, please contact
Valentin Kouame of my staff at (609) 292-4860.

Sincerely,



Kenneth Goldstein, P.E., Chief
Industrial Pretreatment Section
Bureau of Industrial Waste Management

WQM216:vk

Enclosure

cc: Frank Coolick - DWM
Shirlee Schiffman - DWM
Joel Golumbek - EPA
Vincent Benett - Diamond Shamrock Chemicals Co.

INDUSTRIAL WASTE MANAGEMENT FACILITY (IWMF) WORKSHEET

1. Name: DIAMOND SHAMROCK CHEMICALS COMPANY
Mailing Address: BERRY AVENUE AT ROUTE 17 CARLSTADT, N.J. 07072
Location Address: " " " " " "
Facility Contact: VINCENT BENETT
Telephone No.: (201) 933-5222 RCRA ID No.: NJD 002 012 219
Facility NJPDES No.: NJ0002798 Type: X DSW X DGW X SIU None
Receiving POTW, if any: JE.MTG. R-E-R-C POTW NJPDES No. NJ0022756
2. Description of Waste Source(s): GENERATED FROM REACTOR VESSEL WASH-OUTS
3. The Waste Source is:
X Intracompany/Intrastate Intercompany/Intrastate
4. Operational Units comprising the treatment works (describe):
Unit #1: INTERMEDIATE TANK: 5.5 < PH ADJUSTMENT < 9.5
Unit #2: _____
Unit #3: _____
Unit #4: _____
Unit #5: _____
Unit #6: _____
Unit #7: _____
Unit #8: _____
5. Criteria (For each item indicate Yes, No, N/A, etc.):
- a. Is there an influent wastewater? YES
Is it hazardous? YES
If yes, list waste type. ACIDIC
- b. Does the treatment works generate (G), store (S), or treat (T) a wastewater treatment sludge or residue? NO
If yes, which units are involved, and what function do they perform? N/A
Is it hazardous? N/A
If yes, list waste type(s): N/A
- c. Is the unit a "tank" as per NJAC 7:14A-4.3? YES
6. Conclusions: Is the facility an IWMF? YES
7. Comments: THE FACILITY IS CONSIDERED A HAZARDOUS WASTE FACILITY (HWF) BECAUSE IT WILL STORE CONTAINERIZED/DRUMMED HAZARDOUS WASTE FOR PERIODS GREATER THAN NINETY (90) DAYS.



Diamond Shamrock
Chemicals Company

Law Department

November 6, 1985

Sent via Federal Express
Airbill No.: 436 884 044

U.S. EPA, Region II
26 Federal Plaza
New York, NY 10278

Dear Sirs:

Diamond Shamrock Chemicals Company (Diamond Shamrock) on July 30, 1985 submitted to you a financial assurance letter as specified in Subpart H of 40 CFR Parts 264 and 265 for the following facilities:

Diamond Shamrock Chemicals
Company

NJD002012219

Carlstadt Plant

Berry Avenue at Rt. 17

Carlstadt, NJ 07072

Closure: \$27,560

Post Closure: -0-

Diamond Shamrock Chemicals
Company

NJD077557684

Harrison Plant

First and Essex Streets

Harrison, NJ 07029

Closure: \$22,048

Post Closure: -0-

Diamond Shamrock Chemicals
Company

NJD001583459

Jersey City Plant

651 Tonnele Avenue

Jersey City, NJ 07307

Closure: \$20,280

Post Closure: -0-

U.S. EPA, Region II
November 6, 1985
Page Two

Diamond Shamrock Chemicals
Company
NJD052449022
Morristown Plant
350 Mt. Kemble Avenue
Morristown, NJ 07960
Closure: \$19,843
Post Closure: -0-

This letter is to advise you of corrections required to such earlier submission. The attached page reflects the correct sum of closure and post-closure estimates and eight million dollars (\$8,000,000) as the amount of annual aggregate liability for Diamond Shamrock. Please substitute this page for the previously submitted page.

Please advise if you need anything further or if you should have any questions by contacting me at (214) 659-7172.

Very truly yours,



Jose' N. Uranga
Senior Counsel

JNU:ls
Attachment

029jnul

ALTERNATIVE I

1. Sum of current closure and post-closure cost estimates (total of all cost estimates listed above)	\$ <u>10,039,402</u>	
2. Amount of annual aggregate liability coverage to be demonstrated	\$ <u>8,000,000</u>	
3. Sum of lines 1 and 2	\$ <u>18,039,402</u>	
* 4. Total liabilities (if any portion of your closure or post-closure cost estimates is included in your total liabilities, you may deduct that portion from this line and add that amount to lines 5 and 6)	\$ <u>200,420,000</u>	
* 5. Tangible net worth	\$ <u>730,836,000</u>	
* 6. Net worth	\$ <u>749,519,000</u>	
* 7. Current Assets	\$ <u>250,245,000</u>	
* 8. Current liabilities	\$ <u>81,296,000</u>	
9. Net working capital (line 7 minus line 8)	\$ <u>168,949,000</u>	
*10. The sum of net income plus depreciation, depletion and amortization	\$ <u>114,934,000</u>	
*11. Total assets in U.S. (required only if less than 90% of assets are located in the U.S.)	\$ <u>795,129,000</u>	
	Yes	No
12. Is line 5 at least \$10 million?	<u>X</u>	<u> </u>
13. Is line 5 at least 6 times line 3?	<u>X</u>	<u> </u>
14. Is line 9 at least 6 times line 3?	<u>X</u>	<u> </u>
*15. Are at least 90% of assets located in the U.S.? If not, complete line 16	<u> </u>	<u>X</u>
16. Is line 11 at least 6 times line 3?	<u>X</u>	<u> </u>
17. Is line 4 divided by line 6 less than 2.0?	<u>X</u>	<u> </u>
18. Is line 10 divided by line 4 greater than 0.1?	<u>X</u>	<u> </u>
19. Is line 7 divided by line 8 greater than 1.5?	<u>X</u>	<u> </u>



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT

John J. Trela, Ph.D., Director
401 East State St.
CN 028
Trenton, N.J. 08625
609 - 633 - 1408

Richard F. Novak, Plant Manager
Henkel Process Chemicals, Inc.
Berry Avenue at Route 17 North
Carlstadt, NJ 07072

OCT 20 1987

Dear Mr. Novak:

RE: Delisting Request for Henkel Process Chemicals, Inc., Carlstadt, EPA
ID No. NJD 002 012 219

The Bureau of Hazardous Waste Engineering (the Bureau) acknowledges receipt of your delisting request letter, dated August 31, 1987, for the referenced facility's container storage area (S01) pursuant to N.J.A.C. 7:26-9.3(a).

For Henkel to delist from TSD status to generator status, the facility must comply with the requirements of N.J.A.C. 7:26-9.3(a). Namely, a generator may accumulate hazardous waste on-site without a permit for 90 days or less provided that:

1. All such waste is, within 90 days or less, shipped off-site to an authorized facility or placed in an on-site authorized facility, as defined in N.J.A.C. 7:26-1.4.
2. The waste is placed in containers which meet the standards of N.J.A.C. 7:26-7.2 and are managed in accordance with N.J.A.C. 7:26-9.4(d).
3. The date upon which each period of accumulation begins is clearly marked and visible for inspection on each container.
4. The generator complies with the requirements for owners and operators of N.J.A.C. 7:26-9.6 and 9.7 concerning preparedness and prevention, contingency plans and emergency procedures as well as N.J.A.C. 7:26-9.4(g) concerning personnel training.

Henkel should state that the facility will comply with items 1-3 above and should submit to this Bureau copies of the facility's Preparedness and Prevention, Contingency Plans and Emergency Procedures which must conform to N.J.A.C. 7:26-9.6 and 9.7 as well as a personnel training program which conforms to N.J.A.C. 7:26-9.4(g).

OCT 20 1987

As discussed per telecons between Anthony Fontana of my staff and yourself on October 5, 1987 and Gary Shelby on October 6, 1987, the facility will have to "close" its drum storage prior to be delisted. A closure plan must be submitted which is in compliance with N.J.A.C. 7:26-9.8. The drum storage area will have to be decontaminated and analytical/test procedures conducted to verify decontamination. The areas surrounding the storage pad must not have been contaminated from activities occurring in the storage area. If earthened soils border any part of the pad, soil sampling and analysis must be conducted in those areas to be analyzed for possible contamination.

You should submit the requested information including a soil sampling and analysis plan, if applicable, to this Bureau within thirty (30) days of the date of this letter. Failure to submit a complete and timely response to this letter may result in referral of the matter to the Bureau of Compliance and Technical Services for whatever action they deem proper in the light of failure to submit the Part B requested by the Department on 04/01/87 for a TSD facility.

Please contact Anthony Fontana at (609) 292-9880 when you receive this letter to arrange a site visit and meeting at the facility to discuss the requirements contained in this letter.

Very truly yours,



Ernest J. Kuhlwein, Chief
Bureau of Hazardous Waste Engineering

EP63/bt

cc: Barry Tornick EPA
Gary Shelby, Henkel-Ambler, Pa.



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT

John J. Trela, Ph.D., Director

401 East State St.

CN 028

Trenton, N.J. 08625

609-633-1408

Donald Tyler, Plant Manager
 Henkel Process Chemicals, Inc.
 Berry Avenue at Route 17 North
 Carlstadt, N.J. 07072

Dear Mr. Tyler:

RE: TIME EXTENSION TO SUBMIT CLOSURE PLAN FOR HENKEL PROCESS
 CHEMICALS, INC., CARLSTADT, EPA ID NO. NJD 002 012 219

The Bureau of Hazardous Waste Engineering (the Bureau) acknowledges receipt of a letter, dated December 1, 1987, signed by G.J. Shelby, in which Henkel requests a time extension to prepare and submit a response to the Bureau's closure plan request, dated October 20, 1987, required for delisting of the referenced facility.

The Bureau has reviewed Henkel's request, and hereby extends the due date for submittal of the response to December 18, 1987 for the facility's Preparedness, Prevention and Contingency Plan, Emergency Procedures, Training Plan, and Storage Area Decontamination Plan; and January 18, 1988 for the Soil Sampling and Analysis Plan. This time extension is granted in consideration of the time required to prepare the specific delisting and closure plan information discussed during a November 23, 1987 site visit conducted by Anthony Fontana of my staff.

As for Henkel's request to conduct RCRA soil sampling in conjunction with ECRA soil sampling, be advised that RCRA activities must be closed independently of ECRA. Please submit a Soil Sampling and Analysis Plan by January 18, 1988 for the drum storage area which addresses the "Sampling and Analysis Guidelines for Submission of RCRA Sampling and Analysis Plans" and Quality Assurance Deliverables package given to Gary Shelby during the November 23, 1987 meeting. However, if Henkel opts to prepare one Soil Sampling and Analysis Plan for both RCRA and ECRA, the Bureau will review the plan for the RCRA drum storage pad for compliance with RCRA requirements.

Failure to submit a complete and timely response by the above dates may result in referral of the matter to the Bureau of Compliance and Technical Services for whatever action they deem proper in light of the failure to submit a Part B permit application requested by the Department on April 1, 1987 for TSD facility.

DEC 18 1987

If you have any questions concerning this matter, please contact Anthony Fontana at (609) 292-9880.

Very truly yours,



Ernest J. Kuhlwein, Jr., Chief
Bureau of Hazardous Waste Engineering

EP63/1r

cc: Barry Tornick, EPA

Gary Shelby, Henkel - Ambler, PA

acknowledged

G. Shelby

12/18/87

100-100000

100-100000

100-100000

100-100000

100-100000

conduct of the investigation. In accordance with the provisions of the RCRA, you are advised that the following information must be provided to the appropriate authorities. Please submit a copy of the RCRA and Analysis Plans for the storage area which addresses the "Sampling and Submission of RCRA Sampling and Analysis Plans" and the RCRA Sampling and Analysis Plans. Gary Shelby, Henkel, is the contact person for the RCRA Sampling and Analysis Plans. The RCRA Sampling and Analysis Plans must be submitted to the appropriate authorities. The RCRA Sampling and Analysis Plans must be submitted to the appropriate authorities. The RCRA Sampling and Analysis Plans must be submitted to the appropriate authorities.

The RCRA Sampling and Analysis Plans must be submitted to the appropriate authorities. The RCRA Sampling and Analysis Plans must be submitted to the appropriate authorities. The RCRA Sampling and Analysis Plans must be submitted to the appropriate authorities.

Recycled Paper

NJD 002 012 219

Let's protect our earth



Additional information requested
to comply with L90 CC: BT
log storage

ENVIRONMENTAL
PROTECTION AGENCY
REGION II

88 MAY 20 AM 10:46

HAZARDOUS WASTE
FACILITIES BRANCH

Michele M. Putnam
Deputy Director

Hazardous Waste Operations

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT

John J. Trela, Ph.D., Director
401 East State St.
CN 028
Trenton, N.J. 08625
(609)633-1408

Lance R. Miller
Deputy Director

Responsible Party Remedial Action

MAY 12 1988 ✓

Donald Tyler, Plant Manager
Henkel Process Chemicals, Inc.
Berry Avenue at Route 17 North
Carlstadt, N.J. 07072

Dear Mr. Tyler:

(OXY PROCESS)

RE: DELISTING REQUEST/CLOSURE PLAN DEFICIENCIES FOR HENKEL PROCESS
CHEMICALS, INC., CARLSTADT, EPA ID No. NJD 002 012 219

The Bureau of Hazardous Waste Engineering acknowledges receipt of your submittals dated December 14, 1987 and January 13, 1988 containing the referenced facility's Closure Plan, Soil Sampling and Analysis Plan, Spill Prevention Control and Countermeasure Plan, Disaster Plan, and Training Plan. These items were submitted in support of your delisting request for less than 90 day storage of hazardous waste in containers pursuant to N.J.A.C. 7:26-9.3(a).

The Spill Prevention Control and Countermeasure Plan, Disaster Plan and Training Plan have been reviewed for compliance with N.J.A.C. 7:26-9.6, 9.7 and 9.4(g) concerning Preparedness and Prevention, Contingency Plans and Emergency Procedures, and Training Program. The following deficiencies were noted and must be addressed:

1. Include a schedule to test facility communication or alarm systems, fire protection equipment, and spill control equipment to assure their proper operation in time of emergency. (N.J.A.C. 7:26-9.6(c))
2. Document arrangements to familiarize the police, fire department, and emergency response teams (i.e. letters from the police, fire department, and emergency response team) with the layout of the facility; properties of hazardous waste handled at the facility and associated hazards; places where facility personnel would normally be working; entrances to and roads inside the facility; and possible evacuation routes. (N.J.A.C. 7:26-9.6(f)1)
3. Document arrangements to have the local fire department inspect the facility on a regular basis with at least two inspections annually. (N.J.A.C. 7:26-9.6(f)5)

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MAY 12 1988

4. Provide a list of emergency equipment at the facility, their locations, physical description, and a brief outline of their capabilities. (N.J.A.C. 7:26-9.7(g))
5. The owner or operator shall note in the operating record the time, date, and details of any incident that requires implementing the contingency plan. Within 15 days after the incident, the owner or operator shall submit a written report to the Department. The report shall include, but not be limited to the information listed in N.J.A.C. 7:26-9.7(1) 9.
6. Facility personnel shall successfully complete the training program within six months after the date of employment or assignment to the facility. (N.J.A.C. 7:26-9.4(g)4)
7. Records that document training of facility personnel must be maintained and kept until closure of the facility; training records on former employees shall be kept for at least 3 years from the date the employee last worked at the facility. (N.J.A.C. 7:26-9.4(g)6iv and 7).
8. Semi-annual drills involving all employees and appropriate local authorities shall be conducted to test emergency response capabilities. (N.J.A.C. 7:26-9.4(g)8)

The drum storage area's closure plan including decontamination and verification of decontamination are satisfactory. However, the following deficiencies were noted in the Soil Sampling and Analysis Plan reviewed by the Bureau of Environmental Evaluation and Risk Assessment; and must be addressed in a revised plan:

1. Six borings should be oriented around the drum storage pad as follows: one each at the north and south ends and two on each side. Bias samples towards past drainage points (as the pad was diked as recently as 1985) if they can be determined. If such determinations are not possible on any side, use the following guidelines for placement. Place each end boring at the midpoint and the two borings on each side at 30' and 60' as measured from a pad corner.

A boring should be located adjacent to each sump if any one of the following conditions exists or existed: the sumps are not lined, the integrity of the sumps if they are lined is suspect, or this area was used for drum storage prior to construction of the pad. If sampling is required based on any one of the above conditions delete one of the 2 perimeter samples from each side, and orient the remaining sample on each side as per the guidance for the end samples.

Proposed analysis is for PP+40+total xylenes for all samples. Modify the analytical parameters as follows: 0-6" (PP+40 excluding VOs), 18-24" (VO+15 only).

2. Environmental Testing and Certification Corp. (ETC) of Findlay, OH is certified for the proposed analyses. Laboratory

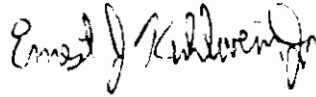
MAY 12 1988

deliverables as per ECRA Sampling Plan Guidelines (SPG) are required.

The requested information above should be submitted to the Bureau of Hazardous Waste Engineering within thirty (30) days of the date of this letter. Failure to submit a complete and timely response may result in referral of the matter to the Bureau of Field Operations for for whatever action they deem proper in light of the failure to submit a Part B permit application requested by the Department on October 20, 1987.

If you have any questions concerning this matter, please contact Anthony Fontana at (609) 292-9880.

Very truly yours,



Ernest J. Kuhlwein, Jr., Chief
Bureau of Hazardous Waste Engineering

EP63/lr

cc: Barry Tornick, EPA
Gary Shelby, Henkel Corp., Ambler, PA
Joe Alesi, BEERA
Tony Cavalier, MFO

DOCUMENT: HENKEL3

FOLDER: LXRMCB

NJD 002 012 219

Let's protect our earth



CC

log

file

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT

John J. Trela, Ph.D., Director

401 East State St.

CN 028

Trenton, N.J. 08625

609 - 633 - 1408

FEB 09 1989 ✓

North Jersey Herald-News
988 Main Ave.
Passaic, N.J. 07055

NJD 002 012 219

Dear Sir/Madam:

Please publish the enclosed as a legal advertisement one (1) time only in your earliest available issue. The "Date" to be inserted in the PUBLIC NOTICE should correspond to the Date of its publication.

This is a legal notice; please do not typeset it as a display ad. Instead, set it solid in one-column width using type sizes prescribed by statute.

I have enclosed a State Invoice (Form 100) for your convenience in billing us promptly. Be sure the "Payee Declaration" is signed, and a copy of the printed notice attached to both the original and the first "duplicate" page of the Form 100. The copies must show date of publication.

Send the completed form to my attention at the letterhead address. Thank you.

Very truly yours,

Ernest J. Kuhlwein, Jr., Chief
Bureau of Hazardous Waste Engineering

EP63/lr
Enclosures
cc: Barry Tornick

Public Notice

In reference: RCRA Facility No. NJD 002 012 219

Date:

Notice is hereby given that:

Henkel Process Chemicals, Inc.
Berry Avenue at Route 17 North
Carlstadt, N.J. 07072

has submitted to the New Jersey Department of Environmental Protection (NJDEP) under the provisions of the New Jersey Administrative Code (N.J.A.C.) 7:26-1 et seq., a closure plan for a hazardous waste container (drum) storage area.

The plans have been submitted in compliance with the standards set forth in subchapters 9 and 11 of N.J.A.C. 7:26.

This notice is given to inform the public that NJDEP is presently considering the proposed plan.

The closure plan calls for removal of all hazardous waste containers from the storage area followed by decontamination of the storage pad by high pressure washing. Soil sampling of exposed soils surrounding the pad will be required, and a cleanup program will be carried out if the soil is found to be contaminated by waste. All hazardous waste resulting from the closure and cleaning operations will be disposed of off-site to an authorized disposal facility.

The plans are available for inspection at the Bureau of Hazardous Waste Engineering, Division of Hazardous Waste Management, 401 East State Street, Trenton, NJ 08625 between 8:30 a.m. and 4:00 p.m., Monday through Friday. To arrange for an appointment please call Mr. Gordon Beaver at (609) 292-9880.

Interested persons may submit written comments to the Chief, Bureau of Hazardous Waste Engineering, Division of Hazardous Waste Management, 401 East State Street, Trenton, N.J. 08625. All written comments must be submitted by no later than thirty (30) days from the date of publication of this notice.

(1) TRANSACTION CODE S/C	(2) DATE NUMBER	(3) NEW/ MATCH
47 0		

STATE
OF
NEW JERSEY

(4) FISCAL YEAR	(5) TRANSACTION DATE	(6) DOC TYP	(7) DOCUMENT NUMBER	(8) REJECT INDICATOR
8, 8 0, 1, 2, 8, 8, 8	I	442833		

AGENCY PURCHASE ORDER/INVOICE

VENDOR STATUS ☐ BLANK = NO CHANGE
1 = NEW VENDOR
2 = ADDRESS CHANGE
3 = LOCATION CODE
4 = NEW VENDOR AND LOCATION
5 = VENDOR NO. CORRECTION

(9) ACCOUNT NUMBER	(10)	(11)	(12)		
ORGANIZATION	FUND	PROGRAM	OBJECT		
4910	203	230018	38		
COST CENTER	PROJECT ACTIVITY	EXTENDED NO.			
MOB	31A				
(13) TOTAL AMOUNT				(14) AGENCY P.O. NUMBER	(15) OBLIGATION NUMBER
				00546	A 30872

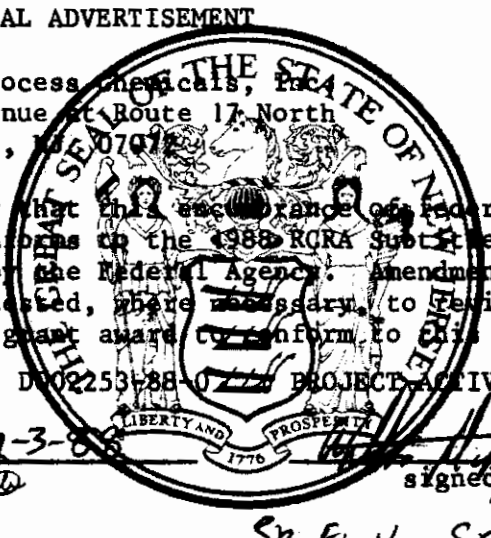
VENDOR NAME AND ADDRESS (17) NAME, STREET, CITY, STATE, ZIP CODE	CONTACT FOR INFORMATION (NAME AND PHONE NO.)
Herald News 988 Main Ave. Passaic, NJ 07055	Anthony Fontana (609) 292-9880
IF DIRECT PURCHASE OR SPECIAL PROCUREMENT, INDICATE DATE QUOTATION RECEIVED	

BILL TO: ENTER COMPLETE NAME AND ADDRESS	SHIP TO:
FOLD MARK NJDEP-DHWM 401 East State St. Trenton, NJ 08625 Attn: Pam Stackhouse, 6th Fl.	Ernest J. Kuhlwein, Jr., Chief NJDEP, DHWM, BHWE 401 E. State St., 5th Fl. Trenton, NJ 08625

(18) COMMODITY CODE	VENDOR INVOICE NUMBER	(19) VENDOR IDENTIFICATION NUMBER	CONTRACT NUMBER
79403		221186620	

INSTRUCTIONS TO VENDOR: (1) YOU MUST USE THE ATTACHED STATE INVOICE FORM (ORIGINAL AND DUPLICATES) FOR BILLING PURPOSES. (2) IF THIS IS A PARTIAL BILLING, YOU MUST SUBMIT BALANCES ON SEPARATE STATE INVOICE FORMS. (3) ENCLOSE PACKING SLIP WITH SHIPMENTS. (4) SHOW OBLIGATION NUMBER AND ACCOUNT NUMBER ON ALL BILLS OF LADING, INVOICES, AND CORRESPONDENCE. (5) ADDRESS ALL CORRESPONDENCE TO THE STATE AGENCY INDICATED ABOVE.

CASH DISCOUNT

ITEM NO.	QUANTITY	UNIT	DELIVER THE FOLLOWING ITEMS F.O.B. DESTINATION DESCRIPTION	UNIT PRICE	AMOUNT
1	1	ea.	LEGAL ADVERTISEMENT Henkel Process Chemicals, Inc. Berry Avenue Rt. 17 North Carlstadt, NJ 07072 I certify that this expenditure of federal grant funds complies with the 1988 RCRA Subtitle C Grant as awarded by the Federal Agency. Amendments have been requested, where necessary, to revise the original grant award to conform to this request. GRANT NO. D002253-88-0777 PROJECT ACTIVITY CODE 31A DATE 2-3-88  signed <i>[Signature]</i> Sr. Env. Spec. <i>[Signature]</i> title		

AGENCY APPROVAL: Signature affixed to this purchase order serves as certification: 1) that items purchased under DPA authorization are not currently available under the provisions of a current State contract or from the State distribution center; and 2) that funds required and authorized for this purpose are obligated and available. Unauthorized use subject to prosecution.	TOTAL OBLIGATION AMOUNT
<i>Robert C. [Signature]</i> (AUTHORIZED SIGNATURE)	
(PRINTED OR TYPED NAME OF AUTHORIZING EMPLOYEE)	TYPE OF PURCHASE AUTHORIZATION (Check one) <input type="checkbox"/> ANNUAL CONTRACT AUTHORIZATION <input type="checkbox"/> BLANKET ORDER <input type="checkbox"/> DIRECT PURCHASE AUTHORIZATION <input type="checkbox"/> SPECIAL PROCUREMENT AUTHORIZATION
<i>Sgt. P.O.S.</i> (TITLE)	
2/3/88 (DATE)	

This transaction is authorized by the Director of Purchase and Property in accordance with the provisions of Chap. 179 P.L. 1931 as amended. The issuing Agency's Approval Officer's signature guarantees all provisions governing the Authorization granted by the Director have been complied with. Type and number of authorization to be indicated in the space provided. Material delivered against this order is NOT subject to Federal Excise Taxes. N.J. Excise Tax Exemption Certificate No. 22-75-0050K Exemption Certificate will be submitted on request. N.J. 22-75 R.I. et seq. exempts all materials sold N.J. State Agencies from Sales or Use Taxes. Do not include them in your price. N.J. 10-2.1 et seq. dealing with discrimination in employment on public contracts, and the Rules and



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WASTE MANAGEMENT
32 E. Hanover St., CN 028, Trenton, N.J. 08625

DR. MARWAN M. SADAT, P.E.
DIRECTOR

LINO F. PEREIRA, P.E.
DEPUTY DIRECTOR

23 APR 1985

L. K. Arehart
Diamond Shamrock Chemicals Company
717 North Harwood Street
Dallas, Texas 75201

RE: Hazardous Waste Facility Liability Requirements For:

→ NJD 002 012 219 - Carlstadt, NJ
NJD 077 557 684 - Harrison, NJ
NJD 001 583 459 - Jersey City, NJ
NJD 052 449 022 - Morristown, NJ

Dear Ms. Arehart:

The Department has recieved notification of non-renewal for the above referenced facilities' liability insurance as required by N.J.A.C. 7:26-9.13.

The Aetna Casualty and Surety Company, policy numbers 01 GL 460947 SCA and 01 GL 408968 SCA effective July 1, 1985 are non-renewed.

Stand advised that Diamond Shamrock Chemicals Company must demonstrate financial responsibility to the Department for claims arising from sudden accidental occurrences before July 1, 1985 as specified under N.J.A.C. 7:26-9.13.

If Diamond Shamrock Chemicals Company does not demonstrate compliance with the requirement set forth by N.J.A.C. 7:26-9.13, Liability Requirements, before July 1, 1985, appropriate enforcement action may be initiated.

If you should have any questions, please contact W.B. Sharples at (609) 984-4062.

Very truly yours,

Frank Coolick, Chief
Bureau of Hazardous Waste Engineering

EP6:lk
cc: Angel Chang, USEPA

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Diamond Shamrock
Chemicals Company

Process Chemicals Division

February 12, 1985

Mr. Frank Coolick, Chief
Bureau of Hazardous Waste Engineering
Department of Environmental Protection
Division of Waste Management
32E Hanover Street
CN-028
Trenton, New Jersey 08625

Re: Diamond Shamrock Chemicals Co.
Carlstadt Facility NJD002012219

Dear Mr. Coolick:

I have reviewed your letter of January 4, 1985 to Mr. Hadley Bedbury regarding the hazardous waste activities at the Carlstadt Plant.

There is a point that needs clarification within the body of your letter namely the discharge of collected rain water in the drum storage area to ground water. Currently we transfer the collected rain water via hoses to the reactor vessel building, from there into the collecting sump where it is admixed with the vessel wash out water prior to treatment and ultimate disposal to the public owned treatment works.

We are not satisfied with the usage of hoses and are looking for improvements in this area. Several options are available and will be considered.

If you have any questions, please advise.

Very truly yours,

J. E. Henry
Safety/Environmental Control
Engineer

JEH:gg

cc: Mr. Angel Chang	Return Receipt No. P437 533 623
Mr. Ken Goldstein	" " " P437 533 624
Mr. Ken Siet	" " " P437 533 625

Diamond Shamrock Chemicals Company A Subsidiary of Diamond Shamrock
Berry Ave. at Route 17, Carlstadt, New Jersey 07072 Phone: 201 933-5222



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF HAZARDOUS WASTE MANAGEMENT

John J. Trela, Ph.D., Acting Director
401 East State St.
CN 028

Trenton, N.J. 08625
609 - 633 - 1408

Mr. Thomas Horvath
Oxy Process Chemicals, Inc.
Berry Avenue and Route 17
Carlstadt, N.J. 07072

Dear Mr. Horvath:

RE: Diamond Shamrock Chemicals Company, Change of Ownership

On October 27, 29 and 30, Occidental Electro Chemicals Corp. informed the NJDEP of a transfer of ownership for the Diamond Shamrock plants in Carlstadt, Harrison and Jersey City, New Jersey from the Diamond Shamrock Chemicals Company to Oxy Process Chemicals Inc.

According to the New Jersey Administrative Code, N.J.A.C. 7:26-12.3(c)4, any changes in the ownership or operational control of a facility must be approved in advance by the Department.

Therefore Oxy Process Chemicals, Inc., is hereby required to submit within thirty (30) days from the date of this letter an Alternative Information Statement for the plants in New Jersey effected by the change in ownership. For your convenience, enclosed you will find this form.

Please be also aware that as stated in N.J.A.C. 7:26-12.3, when a transfer of ownership or operational control of a facility occurs, the old owner or operator shall comply with the hazardous waste facility financial requirements of N.J.A.C. 7:26-9.10 and 9.11, until the new owner or operator has demonstrated to the Department that it is complying with these sections. Upon demonstration to the Department by the new owner or operator of compliance with these requirements, the Department shall notify the old owner or operator in writing that it no longer needs to comply with these sections as of the date of demonstration.

23 FEB 1987

File

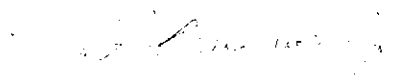
NTD 002012219

name & owner chg was done to database

23 FEB 1987

Please be advised this matter has been referred to the Department's Enforcement group for appropriate action for failure to demonstrate compliance with the aforementioned requirements in a timely fashion. If you have any questions, contact George Mejia from my staff at (609) 292-9880.

Very truly yours,


Ernest J. Kuhlwein, Jr., Acting Chief
Bureau of Hazardous Waste Engineering

EP35/sg

Enc.

c: Lori Amato, USEPA - Region II
Joe Galley, ECRA
Earlene Baumunk, BHWE



Diamond Shamrock
Chemicals Company

August 29, 1986

U. S. Environmental Protection Agency
Region II
Information Service Center
Federal Office Building
26 Federal Plaza
New York, New York 10077

done 9-9-86
Name change ✓ ✓

Re: Previous Notice Letter
Diamond Shamrock Chemicals Company
Carlstadt, New Jersey Plant
EPA I. D. No. NJD002012219

Dear Sir:

On April 27, 1984, the DEP was notified of a name change of this facility from Diamond Shamrock Corporation to Diamond Shamrock Chemicals Company. Please show this new name in your records.

Please call me at (713) 476-1410 if there are any questions.

Sincerely,

Thomas D. Horvath
Environmental Engineer
Health & Environmental Affairs Department

TDH/map

Copy To:

Mr. Frank Coolick
New Jersey Department of
Environmental Protection
32 East Hanover Street
Trenton, New Jersey 08628



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT

John J. Trela, Ph.D., Acting Director
401 East State St.
CN 028
Trenton, N.J. 08625
609 - 633 - 1408

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
146 988

Vincent Bennett
Oxy Process Chemicals, Inc.
Berry Avenue & Rt. 17
Carlstadt, New Jersey 07072

APR 01 1987

Dear Mr. Bennett:

RE: Oxy Process Chemicals, Inc., Carlstadt, NJ, EPA ID No. NJD 002
012 219

The Solid Waste Management Act (N.J.S.A. 13:1E-1 et seq.) authorized the New Jersey Department of Environmental Protection (NJDEP) to establish a program requiring permits for hazardous waste treatment, storage or disposal facilities. NJDEP has issued regulations to implement this permit program, which can be found under N.J.A.C. 7:26-1.1 et seq.

Pursuant to these regulations, specifically N.J.A.C. 7:26-12.3, your facility has been operating as an existing facility since the New Jersey Hazardous Waste Management Regulations (N.J.A.C. 7:26-1.1 et seq.) became effective on October 8, 1981. Our records show that you have submitted either Part A of the USEPA RCRA Permit Application or Part A of the New Jersey Hazardous Waste Facility Permit Application. If necessary, your Part A application shall be revised to reflect the requirements of N.J.A.C. 7:26-1.1 et seq. Forms may be obtained from this office or U.S.E.P.A. Region II at (212) 264-9880.

This letter shall constitute an official request for the complete New Jersey Hazardous Waste Facility Permit Application, which shall include items set forth in Attachment I. Please note that Item 7 requires the submittal of information pursuant to the Hazardous and Solid Waste Amendments of 1984 (HSWA). The State of New Jersey is not yet authorized to administer the provisions in HSWA, therefore the attached letter shall constitute EPA's request for the HSWA portion of the permit application. Your permit application should be prepared to both the HSWA and pre-HSWA requirements.

Your alternative information statement and affidavit should be submitted no later than three (3) months from the date of this letter.

New Jersey Is An Equal Opportunity Employer

APR 01 1987

The remaining sections of your application should be submitted no later than six (6) months from the date of this letter. Failure to submit the required application by this date shall constitute grounds for termination of existing facility status pursuant to N.J.A.C. 7:26-12.3(f)2.

As stated above, your full application is not due until six (6) months from the date of this letter. However, I would encourage you to start work on it as early as possible because there is a significant amount of information to be submitted. Initially, all applicants shall submit three (3) copies of the application. Two copies shall be submitted to:

Ernest J. Kuhlwein, Acting Chief
Bureau of Hazardous Waste Engineering
Division of Hazardous Waste Management
New Jersey Department of Environmental Protection
401 East State Street, 5th Floor
Trenton, NJ 08625

The remaining copy shall be submitted to:

Lori Amato
Hazardous Waste Facilities Branch
New Jersey Section
USEPA - Region II
26 Federal Plaza
New York, NY 10278

The Department will notify the applicant as to how many additional copies are needed for distribution to appropriate state and local authorities when it completes its initial evaluation of the application.

Should you wish to treat part of your application as confidential information, please refer to Attachment II, which outlines the procedures to be followed in making this claim.

I have taken the liberty of scheduling two (2) application conferences in order to assist you in preparing this application. These conferences have been scheduled for May 29, 1987 and July 29, 1987 at 10:00 am. These conferences will be held in the conference room, 401 East State Street, 5th floor, Trenton, New Jersey 08625. If it is determined that one or both of these conferences is unnecessary, please notify my office of the cancellation.

APR 01 1987

Should you have any questions regarding this official request to submit your Hazardous Waste Facility Permit Application, please do not hesitate to contact Anthony Fontana or Ben Esterman of my staff at (609) 292-9880.

Very truly yours,



Ernest J. Kuhlwein, Jr., Acting Chief
Bureau of Hazardous Waste Engineering

EP63/vb

Attachments

c: Lori Amato, USEPA



Occidental Chemical Corporation

DEP -
DO YOU WANT VS
TO CHANGE THE DATABASE?
EPA - PERMITS BRANCH

RECEIVED
JAN 21 1987
EPA - PERMITS BRANCH

January 19, 1987

wait for
Dep

New Jersey Department of Environmental Protection
Division of Waste Management
CN 028
32 E. Hanover Street
Trenton, N.J. 08625

Re: Revision of Part A Application
EPA I.D. No. NJD002012219

Gentlemen:

During a recent RCRA inspection performed by the NJDEP it was brought to our attention that our Part A application did not accurately reflect the types of waste being handled by the plant. In an effort to rectify this situation, a new Part IV of RCRA Form 3 has been prepared. I have enclosed this page, in a copy of the RCRA Part A application, submitted on October 27, 1986 to cover transfer of ownership.

Please contact me at (201) 933-5222 if there are any problems or questions concerning this updating of the application.

Sincerely,

Vincent F. Bennett
Safety/Environmental Engineer

VFB:gg
cc: R. Novak

OxyChem

Process Chemicals Division

Berry Avenue At Route 17 North, Carlstadt, NJ 07072 Phone: 201/933-5222

EPA Form 3510-3 (6-90)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. **EPA HAZARDOUS WASTE NUMBER** — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. **ESTIMATED ANNUAL QUANTITY** — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. **UNIT OF MEASURE** — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE CODE
POUNDS P
TONS T

METRIC UNIT OF MEASURE CODE
KILOGRAMS K
METRIC TONS M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "800" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV shown in the numbers X-1, X-2, X-3, and X-4 below — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				Included with above

EPA I.D. NUMBER (enter from page 1)													FOR OFFICIAL USE ONLY													
W N J D 0 0 2 0 1 2 2 1 9 1													W DUP 2 DUP													
IV. DESCRIPTION OF HAZARDOUS WASTES (continued)																										
EPA NO. JZ	A. EPA HAZARD. WASTENO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE				C. UNIT OF MEA- SURE (enter code)		D. PROCESSES															
											1. PROCESS CODES (enter)								2. PROCESS DESCRIPTION (if a code is not entered in D(1))							
	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
1	D	0	0	1				1,000	P		S	0	1													
2	D	0	0	2				5,000	P		S	0	1													
3	D	0	0	3				500	P		S	0	1													
4	U	0	0	2				10	G		S	0	1													
*5	U	0	0	7				100	P		S	0	1													*Also NJ Code X109
6	U	0	1	3				500	P		S	0	1													
7	U	0	3	1				100	G		S	0	1													
*8	U	0	3	7				500	G		S	0	1													*Also NJ Code X170
*9	U	0	4	4				10	G		S	0	1													*Also NJ Code X176
10	U	0	5	2				1,000	P		S	0	1													
11	U	1	1	7				10	G		S	0	1													
12	U	1	2	2				5,000	P		S	0	1													
13	U	1	2	3				100	G		S	0	1													
14	U	1	5	4				100	G		S	0	1													
*15	U	1	6	5				2,500	P		S	0	1													*Also NJ Code X329
16	U	1	8	8				2,500	P		S	0	1													
*17	U	2	3	8				4,000	P		S	0	1													*Also NJ Code X456
18	U	2	3	9				2,500	G		S	0	1													
19	X	3	8	7				1,000	G		S	0	1													NJ Code in "A"
20	X	7	2	2				100	G		S	0	1													NJ Code in "A"
21	X	7	2	5				1,000	G		S	0	1													NJ Code in "A"
22	X	7	2	6				200	G		S	0	1													NJ Code in "A"
23	X	7	2	7				500	G		S	0	1													NJ Code in "A"
24	X	8	5	0				1,000	P		S	0	1													NJ Code in "A"
25	X	9	0	0				500	G		S	0	1													NJ Code in "A"
26	X	9	1	0				5,000	P		S	0	1													NJ Code in "A"

7. DESCRIPTION OF HAZARDOUS WASTES (continued)**E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM 5(1) ON PAGE 1.**

EPA I.D. NO. (enter from page 1)

F N J D 0 0 2 0 1 2 2 1 9 6

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

LONGITUDE (degrees, minutes, & seconds)

4 0 5 0 1 9

7 4 0 4 5 5

VIII. FACILITY OWNER☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE No. (area code & no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

Michael J. Rudick
Vice President

B. SIGNATURE

Michael J. Rudick

C. DATE SIGNED

10/19/80

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

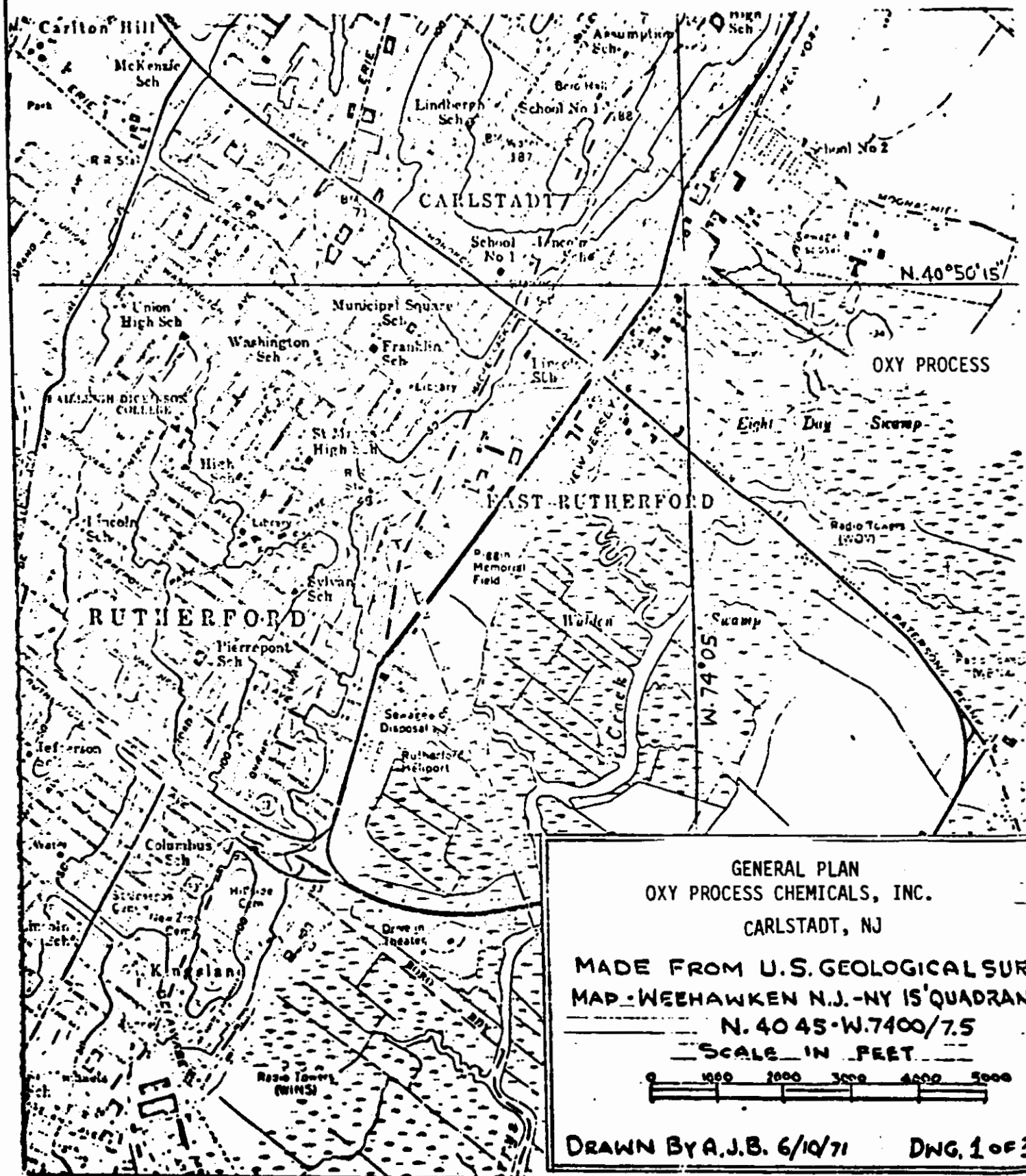
C. DATE SIGNED

CARLSTADT DRUM STORAGE FACILITY



CARLSTADT AIR PERMIT LOG

Operating Certificate	Expiration Date	Operating Certificate	Expiration Date
013766	9/24/90	070203	5/02/91
013767	9/24/90	070204	5/02/91
019163	10/24/90	070205	Temp.
030482	5/04/87	070206	5/02/91
030483	5/04/87	070207	5/02/91
030484	5/04/87	070208	5/02/91
030485	5/04/87	070210	5/22/91
030486	5/04/87	070211	5/22/91
031634	3/6/88	070212	5/22/91
034494	8/8/87	070394	3/21/91
034495	8/8/87	070395	3/21/91
034496	8/08/87	070396	3/29/91
034497	8/08/87	070516	4/10/91
044657	11/24/89	070517	4/10/91
044676	1/03/90	070518	4/10/91
044953	6/12/88	070600	4/25/91
045068	7/15/91	070967	3/15/91
045069	1/08/87	071127	4/12/91
045070	6/23/86	071128	4/12/91
045071	6/23/86	071129	4/12/91
045072	7/15/86	071130	4/12/91
049361	Temp.	071131	4/12/91
061853	8/09/87	071449	5/17/91
068584	6/13/89	072557	2/23/91
068715	10/05/90	072558	3/10/91
068716	Temp.	073735	Temp.
068717	7/13/89	073736	Temp.
068718	7/18/89	073933	3/16/87
068764	7/18/89		
068765	7/18/89		
068766	7/18/89		
068767	7/18/89		
069245	7/18/89		
069546	9/25/89		
069547	9/25/89		
069984	Temp.		





Diamond Shamrock
Chemicals Company
July 30, 1985

ENVIRONMENTAL PROTECTION
AGENCY, REGION II
NEW YORK, N.Y.

1985 AUG 13 PM 5:05

GRANTS ADMINISTRATION
BRANCH

Sent via Federal Express
Airbill No.: 391-234-480

U.S. EPA, Region IV
345 Courtland Street N.E.
Atlanta, GA 30308

U.S. EPA, Region V
RCRA Activities
Post Office Box A3587
Chicago, IL 60690-3587

U.S. EPA, Region III
841 Chestnut Bldg.
Ninth & Chestnut Streets
Philadelphia, PA 19106

U.S. EPA, Region VI
1201 Elm Street
First International Bldg.
Dallas, TX 75270

✓ U.S. EPA, Region II
26 Federal Plaza
New York, NY 10278

U.S. EPA, Region III
841 Chestnut Building
Ninth & Chestnut Streets
Philadelphia, PA 19106

Dear Sirs:

I am the chief financial officer of Diamond Shamrock Chemicals Company, 351 Phelps Court, Irving, Texas 75015-2300.

This letter is in support of the use of the financial test to demonstrate financial responsibility for liability coverage [and closure and/or post-closure care (if applicable)] as specified in Subpart H of 40 CFR Parts 264 and 265.

Diamond Shamrock Chemicals Company is the owner or operator of the following facilities for which liability coverage is being demonstrated through the financial test specified in Subpart H of 40 CFR Parts 264 and 265:

Diamond Shamrock Chemicals
Company
ALD004029642
Muscle Shoals Plant
Wilson Dam Road
Sheffield, AL 35660

Diamond Shamrock Chemicals
Company
OHD003913308
Ashtabula Semi-Works
725 State Road
Ashtabula, OH 44004

Diamond Shamrock Chemicals
Company
ALD008163388
Mobile Works
1200 Jarvis Road
Mobile, AL 36611

Diamond Shamrock Chemicals
Company
OHD068897586
Chardon Metal Coatings
275 Industrial Parkway
Chardon, OH 44024

Diamond Shamrock Chemicals Company A Subsidiary of Diamond Shamrock
351 Phelps Court, P.O. Box 152300, Irving, Texas 75015-2300 Phone: 214 659-7000

89 OCT 16 PM 2:54

ENVIRONMENTAL PROTECTION
AGENCY, REGION II
NEW YORK, N.Y.

Diamond Shamrock Chemicals
Company
DED003913266
Delaware City Electrochem
River Road & Governor Lea Rd.
Delaware City, DE 19706

Diamond Shamrock Chemicals
Company
TXD980626758
Gulf Coast Area Landfill
LaPorte, TX 77571

Diamond Shamrock Chemicals
Company
NJD002012219
Carlstadt Plant
Berry Avenue at Rt. 17
Carlstadt, NJ 07072

Diamond Shamrock Chemicals
Company
TXD089741532
Country Club Landfill
Deer Park, TX 77536

Diamond Shamrock Chemicals
Company
NJD077557684
Harrison Plant
First at Essex Streets
Harrison, NJ 07029

Diamond Shamrock Chemicals
Company
TXD000327429
Battleground Plant
Hwy. 134 at Vista Road
LaPorte, TX 77571

Diamond Shamrock Chemicals
Company
NJD001583459
Jersey City Plant
651 Tonnele Avenue
Jersey City, NJ 07307

Diamond Shamrock Chemicals
Company
TXD056263528
Deer Park Works
Tidal Road
Deer Park, TX 77536

Diamond Shamrock Chemicals
Company
NJD052449022
Morristown Plant
350 Mt. Kemble Avenue
Morristown, NJ 07960

Diamond Shamrock Chemicals
Company
WVD005010277
Belle Plant
U.S. Route 60
Belle, W. Va. 25015

1. Diamond Shamrock Chemicals Company owns or operates the following facilities for which financial assurance for closure or post-closure care is demonstrated through the financial test specified in Subpart H of 40 CFR Parts 264 and 265. The current closure and/or post-closure cost estimates covered by the test are shown for each facility:

Diamond Shamrock Chemicals
Company
ALD004029642
Muscle Shoals Plant
Wilson Dam Road
Sheffield, AL 35660
Closure: \$617,072
Post Closure: -0-

Diamond Shamrock Chemicals
Company
OHD003913308
Ashtabula Semi-Works
725 State Road
Ashtabula, OH 44004
Closure: \$153,014
Post Closure: -0-

Diamond Shamrock Chemicals
Company
ALD008163388
Mobile Works
1200 Jarvis Road
Mobile, AL 36611
Closure: \$112,008
Post Closure: -0-

Diamond Shamrock Chemicals
Company
DED003913266
Delaware City Electrochem
River Road & Governor Lea Rd.
Delaware City, DE 19706
Closure: \$304,720
Post Closure: \$954,720

Diamond Shamrock Chemicals
Company
NJD002012219
Carlstadt Plant
Berry Avenue at Rt. 17
Carlstadt, NJ 07072
Closure: \$27,560
Post Closure: -0-

Diamond Shamrock Chemicals
Company
NJD077557684
Harrison Plant
First at Essex Streets
Harrison, NJ 07029
Closure: \$22,048
Post Closure: -0-

Diamond Shamrock Chemicals
Company
NJD001583459
Jersey City Plant
651 Tonnele Avenue
Jersey City, NJ 07307
Closure: \$20,280
Post Closure: -0-

Diamond Shamrock Chemicals
Company
NJD052449022
Morristown Plant
350 Mt. Kemble Avenue
Morristown, NJ 07960
Closure: \$19,843
Post Closure: -0-

Diamond Shamrock Chemicals
Company
OHD068897586
Chardon Metal Coatings
275 Industrial Parkway
Chardon, OH 44024
Closure: \$6,615
Post Closure: -0-

Diamond Shamrock Chemicals
Company
TXD980626758
Gulf Coast Area Landfill
LaPorte, TX 77571
Closure: \$203,140
Post Closure: \$480,000

Diamond Shamrock Chemicals
Company
TXD089741532
Country Club Landfill
Deer Park, TX 77536
Closure: \$1,049,360
Post Closure: \$1,594,320

Diamond Shamrock Chemicals
Company
TXD000327429
Battleground Plant
Hwy. 134 at Vista Road
LaPorte, TX 77571
Closure: \$37,232
Post Closure: -0-

Diamond Shamrock Chemicals
Company
TXD056263528
Deer Park Works
Tidal Road
Deer Park, TX 77536
Closure: \$1,113,840
Post Closure: -0-

Diamond Shamrock Chemicals
Ccpany
WVD005010277
Belle Plant
U.S. Route 60
Belle, W. Va. 25015
Closure: \$19,948
Post Closure: -0-

2. Diamond Shamrock Chemicals Company guarantees, through the corporate guarantee specified in Subpart H of 40 CFR Parts 264 and 265, the closure and post-closure care of the following facilities owned or operated by its subsidiaries. The current cost estimates for the closure or post-closure care so guaranteed are shown for each facility:

None

3. In States where EPA is not administering the financial requirements of Subpart H of 40 CFR Parts 264 and 265, Diamond Shamrock Chemicals Company is demonstrating financial assurance for the closure or post-closure care of the following facilities through the use of a test equivalent or substantially equivalent to the financial test specified in Subpart H of 40 CFR Parts 264 and 265. The current closure and/or post-closure cost estimates covered by such a test are shown for each facility:

Diamond Shamrock Chemicals Company
NCD042890525
Martin Marietta Quarry
Castle Hayne, N. C. 28429
Closure: \$1,204,800
Post Closure: \$165,360

4. Diamond Shamrock Chemicals Company owns or operates the following hazardous waste management facilities for which financial assurance for closure or, if a disposal facility, post-closure care, is not demonstrated either to EPA or a State through the financial test or any other financial assurance mechanism specified in Subpart H of 40 CFR Parts 264 and 265 or equivalent or substantially equivalent State mechanisms. The current closure and/or post-closure cost estimates not covered by such financial assurance are shown for each facility:

None

Diamond Shamrock Chemicals Company is not required to file a Form 10K with the Securities and Exchange Commission (SEC) for the latest fiscal year.

The fiscal year of Diamond Shamrock Chemicals Company ends on December 31. The figures for the following items marked with an asterisk are derived from Diamond Shamrock Chemicals Company's independently audited, year-end financial statements for the latest completed fiscal year, ended December 31, 1984.

ALTERNATIVE I

1.	Sum of current closure and post-closure cost estimates (total of all cost estimates listed above)	\$	<u>6,735,720</u>	
2.	Amount of annual aggregate liability coverage to be demonstrated	\$	<u>-0-</u>	
3.	Sum of lines 1 and 2	\$	<u>6,735,720</u>	
* 4.	Total liabilities (if any portion of your closure or post-closure cost estimates is included in your total liabilities, you may deduct that portion from this line and add that amount to lines 5 and 6)	\$	<u>200,420,000</u>	
* 5.	Tangible net worth	\$	<u>730,836,000</u>	
* 6.	Net worth	\$	<u>749,519,000</u>	
* 7.	Current Assets	\$	<u>250,245,000</u>	
* 8.	Current liabilities	\$	<u>81,296,000</u>	
9.	Net working capital (line 7 minus line 8)	\$	<u>168,949,000</u>	
*10.	The sum of net income plus depreciation, depletion and amortization	\$	<u>114,934,000</u>	
*11.	Total assets of U.S. (required only if less than 90% of assets are located in the U.S.)	\$	<u>795,129,000</u>	
12.	Is line 5 at least \$10 million?	Yes <u>X</u>	No <u> </u>	
13.	Is line 5 at least 6 times line 3?	<u>X</u>	<u> </u>	
14.	Is line 9 at least 6 times line 3?	<u>X</u>	<u> </u>	
*15.	Are at least 90% of assets located in the U.S.? If not, complete line 16	<u> </u>	<u>X</u>	
16.	Is line 11 at least 6 times line 3?	<u>X</u>	<u> </u>	
17.	Is line 4 divided by line 6 less than 2.0?	<u>X</u>	<u> </u>	
18.	Is line 10 divided by line 4 greater than 0.1?	<u>X</u>	<u> </u>	
19.	Is line 7 divided by line 8 greater than 1.5?	<u>X</u>	<u> </u>	

U.S. EPA
July 30, 1985
Page Six

I hereby certify that the wording of this letter is identical to the wording specified in 40 CFR 264.151(g) as such regulations were constituted on the date shown immediately below.

Diamond Shamrock Chemicals Company

By: 
Lou R. Domenici

Title: Comptroller

Dated: July 30, 1985

/ls
009jnu1



1400 FIRST CITY CENTER
DALLAS, TEXAS 75201
214 922-8040

August 5, 1985

To the Board of Directors of
Diamond Shamrock Corporation

We have examined the consolidated financial statements of Diamond Shamrock Corporation and its subsidiaries (including Diamond Shamrock Chemicals Company) for the year ended December 31, 1984 and have expressed our opinion thereon dated February 21, 1985. Our examination was made in accordance with generally accepted auditing standards and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

With respect to Diamond Shamrock Corporation and its subsidiaries at December 31, 1984, we compared the data included under Alternative I on page 5 of the letter dated July 30, 1985 from the Diamond Shamrock Chemicals Company Comptroller to the Environmental Protection Agency to the 1984 consolidated financial statements, except for that information relating to the "Sum of current closure and post-closure cost estimates" aggregating \$6,735,720 which information was not derived from the consolidated financial statements. In connection with this procedure, no matters came to our attention which caused us to believe that the data derived from the consolidated financial statements should be adjusted.

Price Waterhouse



Occidental Chemical Corporation

January 19, 1987

New Jersey Department of Environmental Protection
Division of Waste Management
CN 028
32 E. Hanover Street
Trenton, N.J. 08625

Re: Revision of Part A Application
EPA I.D. No. NJD002012219

Gentlemen:

During a recent RCRA inspection performed by the NJDEP it was brought to our attention that our Part A application did not accurately reflect the types of waste being handled by the plant. In an effort to rectify this situation, a new Part IV of RCRA Form 3 has been prepared. I have enclosed this page, in a copy of the RCRA Part A application, submitted on October 27, 1986 to cover transfer of ownership.

Please contact me at (201) 933-5222 if there are any problems or questions concerning this updating of the application.

Sincerely,

Vincent F. Bennett
Safety/Environmental Engineer

VFB:gg
cc: R. Novak

OxyChem

Process Chemicals Division

Berry Avenue At Route 17 North, Carlstadt, NJ 07072 Phone: 201/933-5222

OCCIDENTAL ELECTROCHEMICALS CORPORATION

October 27, 1986

New Jersey Department of
Environmental Protection
Division of Waste Management
CN-028
32 E. Hanover Street
Trenton, New Jersey 08625

RE: Transfer of Ownership
Carlstadt Plant
EPA ID. No. NJD002012219

Gentlemen:

Effective October 19, 1986, the owner of this facility was changed from Diamond Shamrock Chemicals Company to Oxy Process Chemicals, Inc.

The corporate address for Oxy Process Chemicals, Inc. is:

P. O. Box 4020
Darien, Connecticut 06820

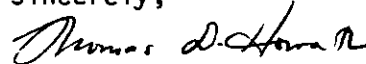
Address all correspondence and permits to the plant facility (with a copy to the letterhead address) at:

Oxy Process Chemicals, Inc.
Carlstadt Plant
Berry Avenue and Route 17
Carlstadt, New Jersey 07072

We are requesting that our ID. number and interim status and your file records be changed to reflect the new owner. A completed revised Part A application is attached. This facility will continue to comply with all of the subject provisions.

Please call me at (713) 476-1410, if there are any questions.

Sincerely,



Thomas D. Horvath
Environmental Engineer
Environmental, Health & Safety Affairs

TDH/bh

Attachment

Copy with attachment to:

U. S. Environmental Protection Agency
Region II, Permits
26 Federal Plaza
New York, New York 10278
1149 Ellsworth Drive, Pasadena, Texas 77501

Done
L.P.
12/3/86
Notif
+ Pt. A
Screened.

N J D 0 0 2 0 1 2 2 1 9

	X	
X		
X		X
	X	
	X	

	X	
	X	
	X	
	X	
	X	

OXY PROCESS CHEMICALS, INC.

BENNETT VINCE ENV SUPERVISOR 201 933 5222

BERRY AVENUE AT ROUTE 17

CARLSTADT NJ 07072

BERRY AVENUE AT ROUTE 17

BERGEN

CARLSTADT NJ 07072

2.8.6.9 (specify)	Organic Chemicals	2.8.4.3 (specify)	Surface Active Agents
2.8.2.1 (specify)	Plastics and Resins Materials	(specify)	

OXY PROCESS CHEMICALS, INC.

P (specify) 203 854 38 40

PO BOX 4020

DARIEN CT 06820

NJ 0002798

(specify) Air Permits - See Attached

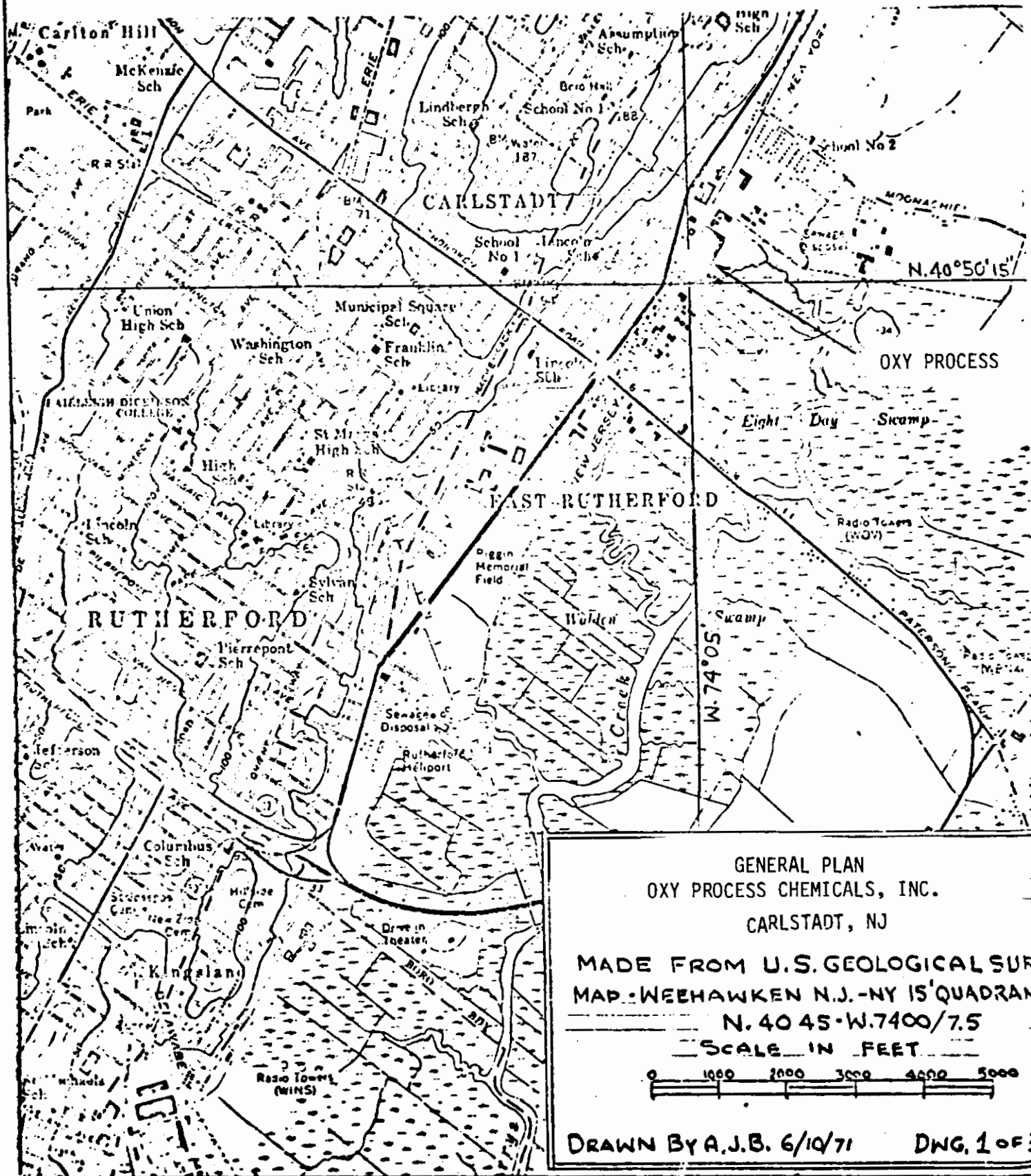
INTERIM STATUS (specify)

A specialized proprietary chemical manufacturer serving the paper industry, the cement and concrete industry, the rubber and plastic industry, the textile industry and the oil well drilling industry.

A. NAME & OFFICIAL TITLE (type or print) Michael J. Rudick Vice President	B. SIGNATURE 	C. DATE SIGNED 10/19/86
--	---	-----------------------------------

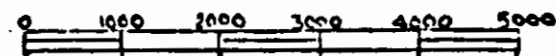
CARLSTADT AIR PERMIT LOG

Operating Certificate	Expiration Date	Operating Certificate	Expiration Date
013766	9/24/90	070203	5/02/91
013767	9/24/90	070204	5/02/91
019163	10/24/90	070205	Temp.
030482	5/04/87	070206	5/02/91
030483	5/04/87	070207	5/02/91
030484	5/04/87	070208	5/02/91
030485	5/04/87	070210	5/22/91
030486	5/04/87	070211	5/22/91
031634	3/6/88	070212	5/22/91
034494	8/8/87	070394	3/21/91
034495	8/8/87	070395	3/21/91
034496	8/08/87	070396	3/29/91
034497	8/08/87	070516	4/10/91
044657	11/24/89	070517	4/10/91
044676	1/03/90	070518	4/10/91
044953	6/12/88	070600	4/25/91
045068	7/15/91	070967	3/15/91
045069	1/08/87	071127	4/12/91
045070	6/23/86	071128	4/12/91
045071	6/23/86	071129	4/12/91
045072	7/15/86	071130	4/12/91
049361	Temp.	071131	4/12/91
061853	8/09/87	071449	5/17/91
068584	6/13/89	072557	2/23/91
068715	10/05/90	072558	3/10/91
068716	Temp.	073735	Temp.
068717	7/13/89	073736	Temp.
068718	7/18/89	073933	3/16/87
068764	7/18/89		
068765	7/18/89		
068766	7/18/89		
068767	7/18/89		
069245	7/18/89		
069546	9/25/89		
069547	9/25/89		
069984	Temp.		



GENERAL PLAN
OXY PROCESS CHEMICALS, INC.
CARLSTADT, NJ

MADE FROM U.S. GEOLOGICAL SUR
MAP - WEEHAWKEN N.J. - NY 15' QUADRAN
N. 40 45 - W. 74 00 / 7.5
SCALE IN FEET



DRAWN BY A.J.B. 6/10/71 DNG. 1 OF 2

EPA Form 3510-3 (6-80)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER - Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristic and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE CODE
POUNDS P
TONS T

METRIC UNIT OF MEASURE CODE
KILOGRAMS K
METRIC TONS M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV shown in line numbers X-1, X-2, X-3, and X-4 below - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO. (1-2)	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES			
				1. PROCESS CODES (enter)			2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3	D 8 0		
X-2	D 0 0 2	400	P	T 0 3	D 8 0		
X-3	D 0 0 1	100	P	T 0 3	D 8 0		
X-4	D 0 0 2						included with above

EPA 1-6. WASTE NO. (Enter from page 1)													
V. DESCRIPTION OF HAZARDOUS WASTES (continued)													
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. HAZ. CODE (enter code)	D. HAZ. CODE (enter code)				E. HAZ. CODE (enter code)		
	1	2	3	4			1	2	3	4			
1	D	0	0	1	3,000	P	S	0	1				
2	D	0	0	2	5,000	P	S	0	1				
3	D	0	0	3	1,000	P	S	0	1				
4	U	1	2	2	5,000	P	S	0	1				
5	U	1	6	5									Included in Line 4 above
6	U	0	0	7	500	P	S	0	1				
7	U	2	2	3	5,000	P	S	0	1				
8	F	0	0	5	4,000	P	S	0	1				
9	D	0	0	4									Included in Line 8 above
10	D	0	0	5									Included in Line 8 above
11	D	0	0	6									Included in Line 8 above
12	D	0	0	7									Included in Line 8 above
13	D	0	0	8									Included in Line 8 above
14	D	0	0	9									Included in Line 8 above
15	D	0	1	0									Included in Line 8 above
16	D	0	1	1									Included in Line 8 above
17	F	0	0	1									Included in Line 8 above
18	F	0	0	4									Included in Line 8 above
19	F	0	0	3									Included in Line 8 above
20													
21													
22													
23													
24													
25													
26													

V. DESCRIPTION OF HAZARDOUS WASTES (continued)**E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.**

EPA I.D. NO. (enter from page 1)

F N J D 0 0 2 0 1 2 2 1 9 6

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

4 0 5 0 1 9

LONGITUDE (degrees, minutes, & seconds)

7 4 0 4 5 5

VIII. FACILITY OWNER☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)
Michael J. Rudick
Vice President

B. SIGNATURE

Michael J. Rudick

C. DATE SIGNED

10/19/80

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

CARLSTADT DRUM STORAGE FACILITY



Certified Mail: Return Receipt Requested No. 647-123

OCCIDENTAL ELECTROCHEMICALS CORPORATION

October 27, 1986

New Jersey Department of
Environmental Protection
Division of Waste Management
CN-028
32 E. Hanover Street
Trenton, New Jersey 08625

RE: Transfer of Ownership
Carlstadt Plant
EPA ID. No. NJD002012219

Gentlemen:

Effective October 19, 1986, the owner of this facility was changed from Diamond Shamrock Chemicals Company to Oxy Process Chemicals, Inc.

The corporate address for Oxy Process Chemicals, Inc. is:

P. O. Box 4020
Darien, Connecticut 06820

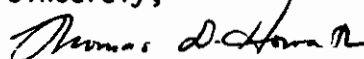
Address all correspondence and permits to the plant facility (with a copy to the letterhead address) at:

Oxy Process Chemicals, Inc.
Carlstadt Plant
Berry Avenue and Route 17
Carlstadt, New Jersey 07072

We are requesting that our ID. number and interim status and your file records be changed to reflect the new owner. A completed revised Part A application is attached. This facility will continue to comply with all of the subject provisions.

Please call me at (713) 476-1410, if there are any questions.

Sincerely,



Thomas D. Horvath
Environmental Engineer
Environmental, Health & Safety Affairs

TDH/bh

Attachment

Copy with attachment to:

U. S. Environmental Protection Agency
Region II, Permits
26 Federal Plaza
New York, New York 10278
1149 Ellsworth Drive, Pasadena, Texas 77501

Done
L.P.
12/3/86
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N J D 0 0 2 0 1 2 2 1 9

	X	
X		
X		X
	X	
	X	

	X	
	X	
	X	
	X	
	X	

OXY PROCESS CHEMICALS, INC.

BENNETT VINCE ENV SUPERVISOR 201 933 5222

BERRY AVENUE AT ROUTE 17

CARLSTADT NJ 07072

BERRY AVENUE AT ROUTE 17

BERGEN

CARLSTADT NJ 07072

2.8.6.9 (specify) Organic Chemicas

2.8.4.3 (specify) Surface Active Agents

2.8.2.1 (specify) Plastics and Resins Materials

(specify)

OXY PROCESS CHEMICALS, INC.

P (specify)

203 854 88 40

P O BOX 4020

DARIEN

CT 06820

NJ0002798

(specify)
Air Permits - See Attached

INTERIM STATUS

(specify)

A specialized proprietary chemical manufacturer serving the paper industry, the cement and concrete industry, the rubber and plastic industry, the textile industry and the oil well drilling industry.

A. NAME & OFFICIAL TITLE (type or print)

Michael J. Rudick
Vice President

B. SIGNATURE

Michael J. Rudick

C. DATE SIGNED

10/19/85

CARLSTADT AIR PERMIT LOG

Operating Certificate	Expiration Date	Operating Certificate	Expiration Date
013766	9/24/90	070203	5/02/91
013767	9/24/90	070204	5/02/91
019163	10/24/90	070205	Temp.
030482	5/04/87	070206	5/02/91
030483	5/04/87	070207	5/02/91
030484	5/04/87	070208	5/02/91
030485	5/04/87	070210	5/22/91
030486	5/04/87	070211	5/22/91
031634	3/6/88	070212	5/22/91
034494	8/8/87	070394	3/21/91
034495	8/8/87	070395	3/21/91
034496	8/08/87	070396	3/29/91
034497	8/08/87	070516	4/10/91
044657	11/24/89	070517	4/10/91
044676	1/03/90	070518	4/10/91
044953	6/12/88	070600	4/25/91
045068	7/15/91	070967	3/15/91
045069	1/08/87	071127	4/12/91
045070	6/23/86	071128	4/12/91
045071	6/23/86	071129	4/12/91
045072	7/15/86	071130	4/12/91
049361	Temp.	071131	4/12/91
061853	8/09/87	071449	5/17/91
068584	6/13/89	072557	2/23/91
068715	10/05/90	072558	3/10/91
068716	Temp.	073735	Temp.
068717	7/13/89	073736	Temp.
068718	7/18/89	073933	3/16/87
068764	7/18/89		
068765	7/18/89		
068766	7/18/89		
068767	7/18/89		
069245	7/18/89		
069546	9/25/89		
069547	9/25/89		
069984	Temp.		

U.S. ENVIRONMENTAL PROTECTION AGENCY		EPA I.D. NUMBER	
HAZARDOUS WASTE PERMIT APPLICATION		NJ D 002 012219	
Consolidated Permit Program			
(This information is required under Section 3005 of RCRA.)			

FOR OFFICIAL USE ONLY		COMMENTS
APPLICATION APPROVED	DATE RECEIVED	

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in item I above.

A. FIRST APPLICATION (Place an "X" below and provide the appropriate date.)		<input type="checkbox"/> NEW FACILITY (Complete item below.)
<input checked="" type="checkbox"/> EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)		<input type="checkbox"/> FOR NEW FACILITIES PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN
FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)		
YR.	MO.	DAY
21	-	-
B. REVISED APPLICATION (Place an "X" below and complete item I above.)		<input type="checkbox"/> FACILITY HAS A RCRA PERMIT
<input checked="" type="checkbox"/> FACILITY HAS INTERIM STATUS		

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the amount of the process.

1. **AMOUNT** - Enter the amount.

2. **UNIT OF MEASURE** - For each amount entered in column B(1), enter the code from the list of unit measures below that best describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	UNIT OF MEASURE CODE
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	G
TANK	S02	GALLONS OR LITERS	G
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS	Y
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS	G
DISPOSAL:			
INJECTION WELL	D79	GALLONS OR LITERS	G
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER	A
LAND APPLICATION	D81	ACRES OR HECTARES	F
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY	D
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS	G
OTHER (for physical, chemical, thermal, or biological treatment processes not occurring in tanks, surface impoundments or landfills. Describe the processes in the space provided. Item III-C.)			

UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G	LITERS PER DAY	V	ACRE-FEET	A
LITERS	L	TONS PER HOUR	D	HECTARE-METER	F
CUBIC YARDS	Y	METRIC TONS PER HOUR	W	ACRES	S
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	H
GALLONS PER DAY	D	LITERS PER HOUR	W		

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 300 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

C		DUP		FAC	
X-1		X-2		X-3	
A. PROCESS CODE	B. PROCESS DESIGN CAPACITY	A. PROCESS CODE	B. PROCESS DESIGN CAPACITY	A. PROCESS CODE	B. PROCESS DESIGN CAPACITY
S02	300	S02	400	S02	20
S01	10,000				

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER - Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE **CODE**
 POUNDS.....P
 TONS.....T

METRIC UNIT OF MEASURE **CODE**
 KILOGRAMS.....K
 METRIC TONS.....M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO. X-1 X-2 X-3 X-4	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES			
				1. PROCESS CODES (enter)		2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
X-1	K054	900	P	T03	D80		
X-2	D002	400	P	T03	D80		
X-3	D001	100	P	T03	D80		
X-4	D002						Included with above

EPA ID NUMBER (enter from page 1)															
NJ D002012219															
DESCRIPTION OF HAZARDOUS WASTES (continued)															
LINE NO.	A. EPA HAZARD. WASTE NO. (4-DIGIT CODE)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS CODE											
				1	2	3	4	5	6	7	8	9	10		
1	D 0 0 1	3,000	P	S	0	1									
2	D 0 0 2	5,000	P	S	0	1									
3	D 0 0 3	1,000	P	S	0	1									
4	U 1 2 2	5,000	P	S	0	1									
5	U 1 6 5														Included in Line 4 above
6	U 0 0 7	500	P	S	0	1									
7	U 2 2 3	5,000	P	S	0	1									
8	F 0 0 5	4,000	P	S	0	1									
9	D 0 0 4														Included in Line 8 above
10	D 0 0 5														Included in Line 8 above
11	D 0 0 6														Included in Line 8 above
12	D 0 0 7														Included in Line 8 above
13	D 0 0 8														Included in Line 8 above
14	D 0 0 9														Included in Line 8 above
15	0 0 1 0														Included in Line 8 above
16	D 0 1 1														Included in Line 8 above
17	F 0 0 1														Included in Line 8 above
18	F 0 0 4														Included in Line 8 above
19	F 0 0 3														Included in Line 8 above
20															
21															
22															
23															
24															
25															
26															

V. DESCRIPTION OF HAZARDOUS WASTES (continued)**E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.**

EPA I.D. NO. (enter from page 1)

F N J D 0 0 2 0 1 2 2 1 9 6

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

LONGITUDE (degrees, minutes, & seconds)

4 0 5 0 1 9

7 4 0 4 5 5

VIII. FACILITY OWNER☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)
Michael J. Rudick
Vice PresidentB. SIGNATURE
*Michael J. Rudick*C. DATE SIGNED
10/19/80**X. OPERATOR CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

CARLSTADT DRUM STORAGE FACILITY



NJD002012219

	X	
X		
X		X
	X	
	X	

	X	
	X	
	X	
	X	
	X	

OXY PROCESS CHEMICALS, INC.

BENNETT VINCE ENV SUPERVISOR 201 933 5222

BERRY AVENUE A.T. ROUTE 17

CARLSTADT NJ 07072

BERRY AVENUE A.T. ROUTE 17

BERGEN

CARLSTADT NJ 07072

2.8.6.9 (specify) Organic Chemicas 2.8.4.3 (specify) Surface Active Agents
2.8.2.1 (specify) Plastics and Resins Materials (specify)

OXY PROCESS CHEMICALS, INC. 203 854 3840
P (specify)

P O BOX 4020

DARIEN CT 06820

NJ0002798

(specify) Air Permits - See Attached

INTERIM STATUS

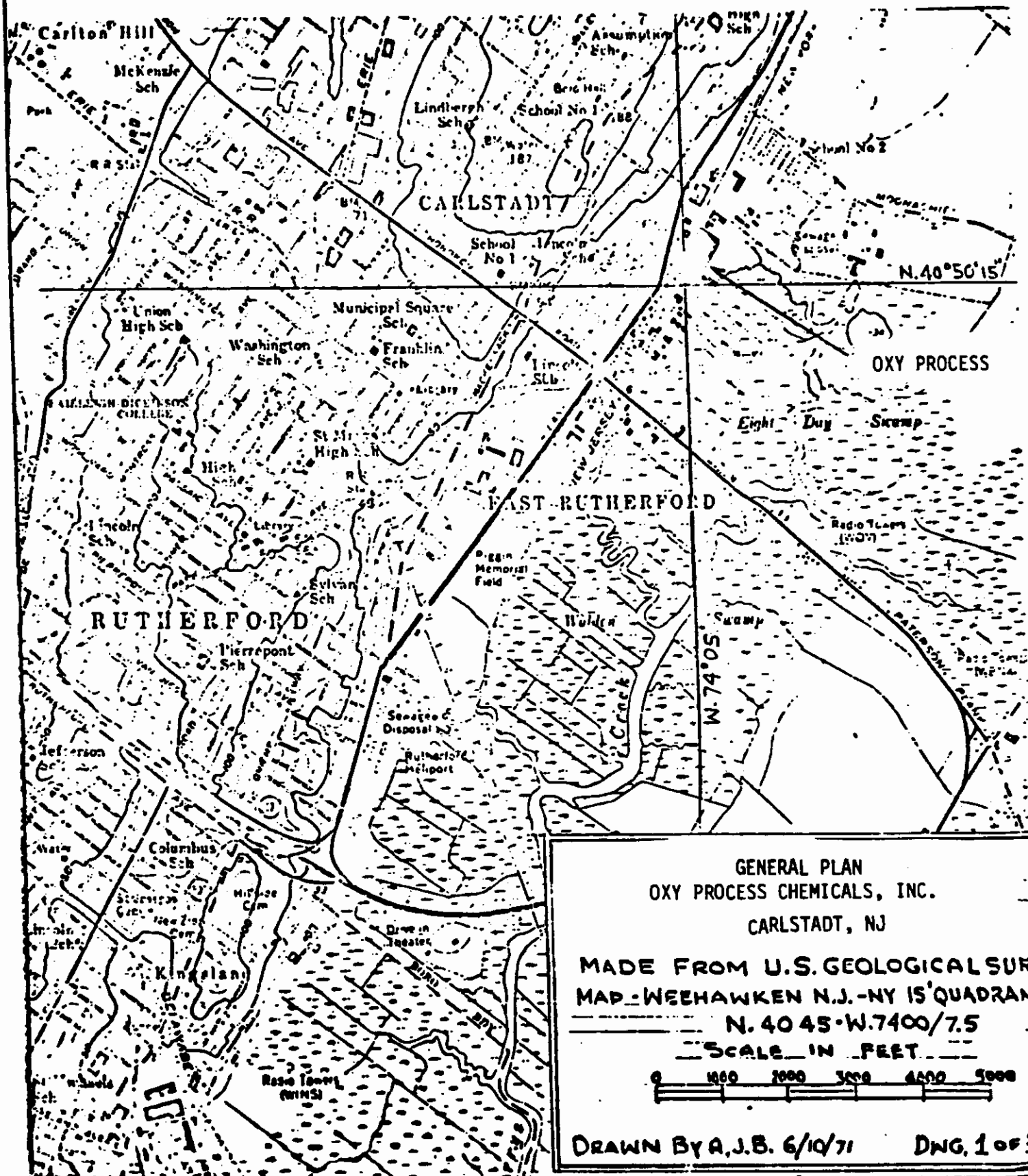
(specify)

A specialized proprietary chemical manufacturer serving the paper industry, the cement and concrete industry, the rubber and plastic industry, the textile industry and the oil well drilling industry.

A. NAME & OFFICIAL TITLE (type or print) Michael J. Rudick Vice President	B. SIGNATURE <i>Michael J. Rudick</i>	C. DATE SIGNED 10/19/85
---	--	----------------------------

CARLSTADT AIR PERMIT LOG

Operating Certificate	Expiration Date	Operating Certificate	Expiration Date
013766	9/24/90	070203	5/02/91
013767	9/24/90	070204	5/02/91
019163	10/24/90	070205	Temp.
030482	5/04/87	070206	5/02/91
030483	5/04/87	070207	5/02/91
030484	5/04/87	070208	5/02/91
030485	5/04/87	070210	5/22/91
030486	5/04/87	070211	5/22/91
031634	3/6/88	070212	5/22/91
034494	8/8/87	070394	3/21/91
034495	8/8/87	070395	3/21/91
034496	8/08/87	070396	3/29/91
034497	8/08/87	070516	4/10/91
044657	11/24/89	070517	4/10/91
044676	1/03/90	070518	4/10/91
044953	6/12/88	070600	4/25/91
045068	7/15/91	070967	3/15/91
045069	1/08/87	071127	4/12/91
045070	6/23/86	071128	4/12/91
045071	6/23/86	071129	4/12/91
045072	7/15/86	071130	4/12/91
049361	Temp.	071131	4/12/91
061853	8/09/87	071449	5/17/91
068584	6/13/89	072557	2/23/91
068715	10/05/90	072558	3/10/91
068716	Temp.	073735	Temp.
068717	7/13/89	073736	Temp.
068718	7/18/89	073933	3/16/87
068764	7/18/89		
068765	7/18/89		
068766	7/18/89		
068767	7/18/89		
069245	7/18/89		
069546	9/25/89		
069547	9/25/89		
069984	Temp.		



EPA	HAZARDOUS WASTE PERMIT APPLICATION Consolidated Permit Program (This information is required under Section 3006 of RCRA.)	DATE
		N J D 0 0 2 0 1 2 2 1 9

FOR OFFICIAL USE ONLY

APPLICATION APPROVED BY: ☐ DATE RECEIVED BY: ☐

COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in item I above.

A. FIRST APPLICATION (Place an "X" below and provide the appropriate data)

☒ **1. EXISTING FACILITY** (See instructions for definition of "existing" facility. Complete item below.)

☐ **2. NEW FACILITY** (Complete item below.)

FOR NEW FACILITIES PROVIDE THE DATE (M, D, & Y) OPERA-
TION BEGAN OR IS
EXPECTED TO BEGIN

FOR EXISTING FACILITIES, PROVIDE THE DATE (M, D, & Y) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (Enter the bases in the left)

B. REVISED APPLICATION (Place an "X" below and complete item I above)

☒ **1. FACILITY HAS INTERIM STATUS**

☐ **2. FACILITY HAS A RCRA PERMIT**

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the design capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measures below that best describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	CODE	DESIGN CAPACITY
Storage:		
CONTAINER (bottle, drum, etc.)	001	GALLONS OR LITERS
TANK	002	GALLONS OR LITERS
WASTE PILE	003	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	004	GALLONS OR LITERS
Disposal:		
INJECTION WELL	005	GALLONS OR LITERS
LANDFILL	006	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER
LAND APPLICATION	007	ACRES OR HECTARES
OCEAN DISPOSAL	008	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	009	GALLONS OR LITERS

PROCESS	CODE	DESIGN CAPACITY
Treatment:		
TANK	010	GALLONS OR LITERS
SURFACE IMPOUNDMENT	011	GALLONS OR LITERS
INCINERATOR	012	GALLONS OR LITERS
OTHER (for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided. Item III-C.)	013	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	CODE	UNIT OF MEASURE	CODE	UNIT OF MEASURE	CODE
GALLONS	G	LITERS PER DAY	V	ACRE-FEET	A
LITERS	L	TONS PER HOUR	D	HECTARE-METER	H
CUBIC YARDS	Y	METRIC TONS PER HOUR	M	ACRES	S
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	HE
GALLONS PER DAY	GD	LITERS PER HOUR	TH		

EXAMPLE FOR COMPLETING ITEM III (shown in the numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 300 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY
		AMOUNT	UNIT OF MEASURE				AMOUNT	UNIT OF MEASURE	
X-1	S 0 2	300	G		5				
X-2	T 0 1	400	G		6				
1	S 0 1	10,000	G		7				
					8				
					9				
					10				

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. **EPA HAZARDOUS WASTE NUMBER** - Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of these hazardous wastes.

B. **ESTIMATED ANNUAL QUANTITY** - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. **UNIT OF MEASURE** - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV shown in the numbers X-1, X-2, X-3, and X-4 below - A facility will treat and dispose of an estimated 800 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES				
				1. PROCESS CODES (enter)			2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
X-1	K 0 5 4	900	P	T	0	3	D	0
X-2	D 0 0 2	400	P	T	0	3	D	0
X-3	D 0 0 1	100	P	T	0	3	D	0
X-4	D 0 0 2						Included with above	

2.8.6.9	(specify)	2.8.4.3	(specify)
	Organic Chemicals		Surface Active Agents
2.8.2.1	(specify)		(specify)
	Plastics and Resins Materials		

OXY PROCESS CHEMICALS, INC.

P (specify) 203 854 3840

P O BOX 4020

DARIEN CT 06820

NJ 0002798

(specify)
Air Permits - See Attached

INTERIM STATUS

(specify)

A specialized proprietary chemical manufacturer serving the paper industry, the cement and concrete industry, the rubber and plastic industry, the textile industry and the oil well drilling industry.

<p>A. NAME & OFFICIAL TITLE (type or print)</p> <p>Michael J. Rudick Vice President</p>	<p>B. SIGNATURE</p> <p><i>Michael J. Rudick</i></p>	<p>C. DATE SIGNED</p> <p>10/19/86</p>
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